

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/04/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	32.00	30.99	25.06	25.50	24.59	25.35	27.13	21.03	24.25	27.89	29.85	33.29	30.58	34.53	35.86	35.36	31.41	30.74	33.64	31.37	30.68	31.06	31.14	30.88
24138	1.98	1.88	1.52	1.48	1.35	1.41	1.51	1.48	1.73	2.00	2.34	2.62	2.36	2.48	2.44	2.23	1.91	1.82	1.54	1.46	1.57	1.72	1.81	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	32.09	31.08	25.13	25.56	24.65	25.40	27.19	21.07	24.29	27.94	29.87	33.33	30.66	34.62	36.02	35.53	31.57	30.87	33.77	31.51	30.80	31.21	31.28	31.05
24260	2.08	1.97	1.59	1.54	1.41	1.47	1.57	1.53	1.77	2.04	2.36	2.66	2.45	2.57	2.60	2.40	2.07	1.95	1.67	1.60	1.69	1.87	1.95	1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	32.09	31.08	25.13	25.56	24.65	25.40	27.19	21.07	24.29	27.94	29.87	33.33	30.66	34.62	36.02	35.53	31.57	30.87	33.77	31.51	30.80	31.21	31.28	31.05
24261	2.08	1.97	1.59	1.54	1.41	1.47	1.57	1.53	1.77	2.04	2.36	2.66	2.45	2.57	2.60	2.40	2.07	1.95	1.67	1.60	1.69	1.87	1.95	1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	31.89	30.89	24.99	25.44	24.61	25.34	27.10	20.80	24.03	27.52	29.30	32.62	29.84	33.86	35.40	34.99	31.24	30.85	34.30	31.82	30.92	31.28	31.20	31.05
24011	1.87	1.78	1.45	1.43	1.38	1.40	1.48	1.25	1.51	1.62	1.78	1.95	1.62	1.81	1.99	1.86	1.74	1.92	2.21	1.91	1.81	1.94	1.88	1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	32.20	31.14	25.18	25.61	24.78	25.51	27.28	20.92	24.19	27.68	29.50	32.85	30.03	34.12	35.68	35.28	31.52	31.16	34.64	32.08	31.19	31.51	31.44	31.29
23798	2.19	2.03	1.64	1.60	1.54	1.57	1.66	1.38	1.67	1.78	1.99	2.18	1.81	2.07	2.27	2.15	2.02	2.24	2.55	2.17	2.07	2.17	2.11	1.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	31.89	30.89	24.99	25.44	24.61	25.34	27.10	20.80	24.03	27.52	29.30	32.62	29.84	33.86	35.40	34.99	31.24	30.85	34.30	31.82	30.92	31.28	31.20	31.05
24028	1.87	1.78	1.45	1.43	1.38	1.40	1.48	1.25	1.51	1.62	1.78	1.95	1.62	1.81	1.99	1.86	1.74	1.92	2.21	1.91	1.81	1.94	1.88	1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	31.42	30.71	24.93	25.52	24.68	25.41	27.17	20.87	24.04	27.42	29.23	32.47	29.67	33.54	34.96	34.68	30.87	30.36	33.39	31.08	30.29	30.67	30.70	30.62
23527	1.40	1.60	1.39	1.51	1.44	1.48	1.54	1.33	1.52	1.52	1.72	1.81	1.45	1.49	1.54	1.55	1.36	1.44	1.29	1.17	1.17	1.33	1.38	1.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	30.34	29.61	24.00	24.51	23.70	24.41	26.08	20.06	23.05	26.42	28.17	31.39	28.81	32.61	33.98	33.70	29.95	29.39	32.40	30.21	29.43	29.70	29.71	29.61
24190	0.32	0.50	0.46	0.50	0.46	0.47	0.45	0.52	0.53	0.51	0.66	0.72	0.59	0.56	0.57	0.57	0.45	0.47	0.30	0.30	0.32	0.36	0.38	0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	29.79	28.99	23.46	23.93	23.20	23.87	25.56	19.31	22.25	25.59	27.07	30.07	27.70	31.54	32.85	32.53	28.98	28.40	31.59	29.44	28.66	28.86	28.86	29.27
355683	-0.22	-0.12	-0.08	-0.09	-0.04	-0.07	-0.06	-0.23	-0.27	-0.31	-0.45	-0.60	-0.51	-0.51	-0.56	-0.60	-0.53	-0.53	-0.50	-0.47	-0.46	-0.48	-0.46	-0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	30.34	29.61	24.00	24.51	23.70	24.41	26.08	20.06	23.05	26.42	28.17	31.39	28.81	32.61	33.98	33.70	29.95	29.39	32.40	30.21	29.43	29.70	29.71	29.61
23571	0.32	0.50	0.46	0.50	0.46	0.47	0.45	0.52	0.53	0.51	0.66	0.72	0.59	0.56	0.57	0.57	0.45	0.47	0.30	0.30	0.32	0.36	0.38	0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	30.34	29.61	24.00	24.51	23.70	24.41	26.08	20.06	23.05	26.42	28.17	31.39	28.81	32.61	33.98	33.70	29.95	29.39	32.40	30.21	29.43	29.70	29.71	29.61
23572	0.32	0.50	0.46	0.50	0.46	0.47	0.45	0.52	0.53	0.51	0.66	0.72	0.59	0.56	0.57	0.57	0.45	0.47	0.30	0.30	0.32	0.36	0.38	0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	30.34	29.61	24.00	24.51	23.70	24.41	26.08	20.06	23.05	26.42	28.17	31.39	28.81	32.61	33.98	33.70	29.95	29.39	32.40	30.21	29.43	29.70	29.71	29.61
23573	0.32	0.50	0.46	0.50	0.46	0.47	0.45	0.52	0.53	0.51	0.66	0.72	0.59	0.56	0.57	0.57	0.45	0.47	0.30	0.30	0.32	0.36	0.38	0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	30.34 0.32 0.00	29.61 0.50 0.00	24.00 0.46 0.00	24.51 0.50 0.00	23.70 0.46 0.00	24.41 0.47 0.00	26.08 0.45 0.00	20.06 0.52 0.00	23.05 0.53 0.00	26.42 0.51 0.00	28.17 0.66 0.00	31.39 0.72 0.00	28.81 0.59 0.00	32.61 0.56 0.00	33.98 0.57 0.00	33.70 0.57 0.00	29.95 0.45 0.00	29.39 0.47 0.00	32.40 0.30 0.00	30.21 0.30 0.00	29.43 0.32 0.00	29.70 0.36 0.00	29.71 0.38 0.00	29.61 0.17 0.00
ALBANY___LFGE 323615	30.70 0.69 0.00	29.94 0.83 0.00	24.26 0.72 0.00	24.78 0.76 0.00	23.95 0.71 0.00	24.66 0.72 0.00	26.35 0.73 0.00	20.27 0.72 0.00	23.31 0.79 0.00	26.70 0.81 0.00	28.50 0.99 0.00	31.77 1.10 0.00	29.17 0.96 0.00	33.05 0.99 0.00	34.45 1.03 0.00	34.15 1.01 0.00	30.37 0.86 0.00	29.81 0.88 0.00	32.86 0.76 0.00	30.62 0.71 0.00	29.82 0.70 0.00	30.07 0.73 0.00	30.07 0.74 0.00	29.97 0.52 0.00
ALCOA_PA_115KV_PL-6C 55860	30.09 0.07 0.00	29.28 0.17 0.00	23.68 0.14 0.00	24.15 0.14 0.00	23.40 0.16 0.00	24.05 0.11 0.00	25.73 0.10 0.00	19.37 -0.18 0.00	22.31 -0.21 0.00	25.67 -0.23 0.00	27.16 -0.36 0.00	30.16 -0.51 0.00	27.79 -0.43 0.00	31.64 -0.41 0.00	32.96 -0.45 0.00	32.61 -0.52 0.00	29.06 -0.45 0.00	28.49 -0.43 0.00	31.71 -0.39 0.00	29.55 -0.36 0.00	28.76 -0.35 0.00	28.98 -0.36 0.00	29.03 -0.30 0.00	29.55 0.11 0.00
ALCOA_RYNLDS___DRP 24188	30.09 0.07 0.00	29.28 0.17 0.00	23.68 0.14 0.00	24.15 0.14 0.00	23.40 0.16 0.00	24.05 0.11 0.00	25.73 0.10 0.00	19.37 -0.18 0.00	22.31 -0.21 0.00	25.67 -0.23 0.00	27.16 -0.36 0.00	30.16 -0.51 0.00	27.79 -0.43 0.00	31.64 -0.41 0.00	32.96 -0.45 0.00	32.61 -0.52 0.00	29.06 -0.45 0.00	28.49 -0.43 0.00	31.71 -0.39 0.00	29.55 -0.36 0.00	28.76 -0.35 0.00	28.98 -0.36 0.00	29.03 -0.30 0.00	29.55 0.11 0.00
ALCOA___DSASP 323711	30.09 0.07 0.00	29.29 0.18 0.00	23.68 0.14 0.00	24.16 0.14 0.00	23.40 0.16 0.00	24.05 0.11 0.00	25.73 0.10 0.00	19.37 -0.18 0.00	22.31 -0.21 0.00	25.67 -0.23 0.00	27.16 -0.36 0.00	30.16 -0.51 0.00	27.79 -0.43 0.00	31.64 -0.41 0.00	32.96 -0.45 0.00	32.61 -0.52 0.00	29.06 -0.45 0.00	28.49 -0.43 0.00	31.71 -0.39 0.00	29.55 -0.36 0.00	28.76 -0.35 0.00	28.98 -0.36 0.00	29.03 -0.30 0.00	29.55 0.11 0.00
ALLEGHENY___COGEN 23514	32.20 2.18 0.00	30.75 1.63 0.00	24.72 1.18 0.00	24.99 0.97 0.00	24.11 0.87 0.00	25.05 1.11 0.00	26.92 1.29 0.00	20.52 0.98 0.00	23.44 0.92 0.00	27.19 1.29 0.00	28.75 1.23 0.00	32.12 1.45 0.00	29.63 1.41 0.00	33.81 1.76 0.00	35.49 2.08 0.00	35.44 2.31 0.00	31.61 2.11 0.00	31.09 2.17 0.00	35.14 3.05 0.00	32.82 2.90 0.00	32.27 3.16 0.00	32.51 3.16 0.00	32.53 3.20 0.00	32.52 3.08 0.00
ALTAMONT_115KV_TB 2 55880	30.79 0.77 0.00	29.98 0.87 0.00	24.28 0.74 0.00	24.80 0.79 0.00	23.97 0.72 0.00	24.69 0.75 0.00	26.38 0.75 0.00	20.26 0.71 0.00	23.32 0.80 0.00	26.73 0.83 0.00	28.50 0.99 0.00	31.76 1.09 0.00	29.16 0.94 0.00	33.02 0.97 0.00	34.40 0.99 0.00	34.09 0.96 0.00	30.31 0.81 0.00	29.73 0.81 0.00	32.82 0.72 0.00	30.61 0.70 0.00	29.83 0.72 0.00	30.13 0.79 0.00	30.14 0.81 0.00	30.05 0.61 0.00
ALTONA_WT_PWR 323606	30.51 0.49 0.00	29.69 0.58 0.00	24.01 0.47 0.00	24.49 0.48 0.00	23.70 0.46 0.00	24.37 0.44 0.00	26.08 0.45 0.00	19.76 0.21 0.00	22.78 0.26 0.00	26.12 0.22 0.00	27.67 0.16 0.00	30.76 0.09 0.00	28.24 0.02 0.00	32.17 0.12 0.00	33.50 0.08 0.00	33.22 0.09 0.00	29.66 0.16 0.00	29.21 0.29 0.00	32.44 0.34 0.00	30.17 0.26 0.00	29.38 0.27 0.00	29.61 0.27 0.00	29.58 0.26 0.00	29.92 0.47 0.00
AMERICAN_REF_FUEL 24010	30.40 0.38 0.00	28.94 -0.17 0.00	23.32 -0.21 0.00	23.48 -0.53 0.00	22.64 -0.60 0.00	23.59 -0.35 0.00	25.37 -0.25 0.00	19.30 -0.25 0.00	22.35 -0.17 0.00	25.93 0.03 0.00	27.60 0.09 0.00	30.96 0.29 0.00	28.57 0.36 0.00	32.60 0.55 0.00	34.36 0.95 0.00	34.45 1.32 0.00	30.77 1.27 0.00	30.06 1.14 0.00	33.70 1.60 0.00	31.23 1.31 0.00	30.18 1.06 0.00	30.22 0.88 0.00	30.48 1.15 0.00	30.76 1.31 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.63 1.62 0.00	30.18 1.07 0.00	24.16 0.62 0.00	24.40 0.39 0.00	23.55 0.30 0.00	24.54 0.60 0.00	26.43 0.81 0.00	20.23 0.68 0.00	23.46 0.94 0.00	27.25 1.35 0.00	28.99 1.48 0.00	32.56 1.89 0.00	29.95 1.73 0.00	34.24 2.19 0.00	36.11 2.69 0.00	36.07 2.94 0.00	32.16 2.66 0.00	31.47 2.55 0.00	35.29 3.20 0.00	32.70 2.79 0.00	31.57 2.45 0.00	31.62 2.28 0.00	31.74 2.42 0.00	31.91 2.46 0.00
ARTHUR_KILL_GT_1 23520	31.91 1.89 -0.01	31.00 1.88 -0.01	25.09 1.55 0.00	25.48 1.47 0.00	24.56 1.32 0.00	25.31 1.37 0.00	27.08 1.46 0.00	20.97 1.43 0.00	24.16 1.64 0.00	27.76 1.86 0.00	29.60 2.08 0.00	32.93 2.27 0.01	30.46 2.24 -0.01	33.89 2.14 0.30	34.55 2.15 1.01	34.32 1.93 0.74	31.34 1.84 0.00	30.51 1.59 0.00	32.55 1.12 0.66	31.21 1.29 0.00	30.29 1.43 0.25	30.90 1.56 0.00	30.89 1.57 0.01	30.61 1.25 0.09
ARTHUR_KILL_2 23512	31.79 1.77 -0.01	30.89 1.77 -0.01	25.00 1.46 0.00	25.39 1.38 0.00	24.48 1.24 0.00	25.23 1.28 0.00	26.99 1.37 0.00	20.90 1.36 0.00	24.08 1.56 0.00	27.66 1.77 0.00	29.49 1.97 0.00	32.81 2.15 0.01	30.34 2.12 -0.01	33.76 2.01 0.30	34.41 2.00 1.01	34.17 1.79 0.74	31.22 1.71 0.00	30.41 1.48 0.00	32.43 0.99 0.66	31.09 1.17 0.00	30.17 1.31 0.25	30.78 1.44 0.00	30.78 1.46 0.01	30.50 1.14 0.09
ARTHUR_KILL_3 23513	31.65 1.63 0.00	30.66 1.55 0.00	24.77 1.24 0.00	25.19 1.18 0.00	24.28 1.04 0.00	25.02 1.09 0.00	26.79 1.16 0.00	20.75 1.21 0.00	23.91 1.39 0.00	26.45 1.59 1.05	28.59 1.90 0.82	32.82 2.15 0.00	30.20 1.99 0.00	33.77 2.02 0.30	34.41 1.99 1.00	34.15 1.77 0.74	31.03 1.53 0.00	30.34 1.42 0.00	32.50 1.07 0.67	30.94 1.04 0.01	30.01 1.15 0.25	30.67 1.34 0.00	30.77 1.44 0.00	30.44 1.08 0.08
ARTHUR_KILL_COGEN 323718	31.91 1.89 -0.01	31.00 1.88 -0.01	25.09 1.55 0.00	25.48 1.47 0.00	24.56 1.32 0.00	25.31 1.37 0.00	27.08 1.46 0.00	20.97 1.43 0.00	24.16 1.64 0.00	27.76 1.86 0.00	29.60 2.08 0.00	32.93 2.27 0.01	30.46 2.24 -0.01	33.89 2.14 0.30	34.55 2.15 1.01	34.32 1.93 0.74	31.34 1.84 0.00	30.51 1.59 0.00	32.55 1.12 0.66	31.21 1.29 0.00	30.29 1.43 0.25	30.90 1.56 0.00	30.89 1.57 0.01	30.61 1.25 0.09
ASHOKAN____ 23654	31.03 1.01 0.00	30.16 1.05 0.00	24.38 0.85 0.00	24.90 0.88 0.00	24.05 0.81 0.00	24.79 0.85 0.00	26.52 0.90 0.00	20.48 0.93 0.00	23.59 1.07 0.00	27.08 1.18 0.00	29.07 1.56 0.00	32.35 1.68 0.00	29.72 1.50 0.00	33.65 1.60 0.00	35.26 1.85 0.00	34.52 1.39 0.00	30.64 1.14 0.00	30.19 1.27 0.00	33.40 1.30 0.00	31.24 1.33 0.00	30.43 1.32 0.00	31.10 1.76 0.00	30.92 1.59 0.00	30.67 1.23 0.00

ASTORIA_EAST_ENERGY_CC1 323581	31.86 1.84 0.00	30.84 1.73 0.00	24.98 1.44 0.00	25.39 1.38 0.00	24.51 1.27 0.00	25.24 1.30 0.00	27.02 1.39 0.00	20.95 1.41 0.00	24.11 1.59 0.00	27.69 1.80 0.00	29.58 2.07 0.00	33.00 2.33 0.00	30.41 2.19 0.00	34.22 2.16 0.00	35.62 2.21 0.00	35.15 2.02 0.00	31.27 1.76 0.00	30.54 1.62 0.00	33.33 1.24 0.00	31.18 1.27 0.00	30.49 1.38 0.00	30.89 1.55 0.00	30.98 1.66 0.00	30.80 1.35 0.00
ASTORIA_EAST_ENERGY_CC2 323582	31.86 1.84 0.00	30.84 1.73 0.00	24.98 1.44 0.00	25.39 1.38 0.00	24.51 1.27 0.00	25.24 1.30 0.00	27.02 1.39 0.00	20.95 1.41 0.00	24.11 1.59 0.00	27.69 1.80 0.00	29.58 2.07 0.00	33.00 2.33 0.00	30.41 2.19 0.00	34.22 2.16 0.00	35.62 2.21 0.00	35.15 2.02 0.00	31.27 1.76 0.00	30.54 1.62 0.00	33.33 1.24 0.00	31.18 1.27 0.00	30.49 1.38 0.00	30.89 1.55 0.00	30.98 1.66 0.00	30.80 1.35 0.00
ASTORIA_GT2_1 24094	31.88 1.86 0.00	30.87 1.76 0.00	25.00 1.46 0.00	25.40 1.39 0.00	24.52 1.28 0.00	25.25 1.32 0.00	27.03 1.41 0.00	20.96 1.42 0.00	24.12 1.60 0.00	27.70 1.81 0.00	29.60 2.09 0.00	33.02 2.35 0.00	30.42 2.20 0.00	34.24 2.19 0.00	35.63 2.22 0.00	35.17 2.04 0.00	31.28 1.78 0.00	30.56 1.63 0.00	33.36 1.26 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.91 1.57 0.00	31.01 1.68 0.00	30.82 1.37 0.00
ASTORIA_GT2_2 24095	31.88 1.86 0.00	30.87 1.76 0.00	25.00 1.46 0.00	25.40 1.39 0.00	24.52 1.28 0.00	25.25 1.32 0.00	27.03 1.41 0.00	20.96 1.42 0.00	24.12 1.60 0.00	27.70 1.81 0.00	29.60 2.09 0.00	33.02 2.35 0.00	30.42 2.20 0.00	34.24 2.19 0.00	35.63 2.22 0.00	35.17 2.04 0.00	31.28 1.78 0.00	30.56 1.63 0.00	33.36 1.26 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.91 1.57 0.00	31.01 1.68 0.00	30.82 1.37 0.00
ASTORIA_GT2_3 24096	31.88 1.86 0.00	30.87 1.76 0.00	25.00 1.46 0.00	25.40 1.39 0.00	24.52 1.28 0.00	25.25 1.32 0.00	27.03 1.41 0.00	20.96 1.42 0.00	24.12 1.60 0.00	27.70 1.81 0.00	29.60 2.09 0.00	33.02 2.35 0.00	30.42 2.20 0.00	34.24 2.19 0.00	35.63 2.22 0.00	35.17 2.04 0.00	31.28 1.78 0.00	30.56 1.63 0.00	33.36 1.26 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.91 1.57 0.00	31.01 1.68 0.00	30.82 1.37 0.00
ASTORIA_GT2_4 24097	31.88 1.86 0.00	30.87 1.76 0.00	25.00 1.46 0.00	25.40 1.39 0.00	24.52 1.28 0.00	25.25 1.32 0.00	27.03 1.41 0.00	20.96 1.42 0.00	24.12 1.60 0.00	27.70 1.81 0.00	29.60 2.09 0.00	33.02 2.35 0.00	30.42 2.20 0.00	34.24 2.19 0.00	35.63 2.22 0.00	35.17 2.04 0.00	31.28 1.78 0.00	30.56 1.63 0.00	33.36 1.26 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.91 1.57 0.00	31.01 1.68 0.00	30.82 1.37 0.00
ASTORIA_GT3_1 24098	31.88 1.86 0.00	30.87 1.76 0.00	25.00 1.46 0.00	25.40 1.39 0.00	24.52 1.28 0.00	25.25 1.32 0.00	27.03 1.41 0.00	20.96 1.42 0.00	24.12 1.60 0.00	27.70 1.81 0.00	29.60 2.09 0.00	33.02 2.35 0.00	30.42 2.20 0.00	34.24 2.19 0.00	35.63 2.22 0.00	35.17 2.04 0.00	31.28 1.78 0.00	30.56 1.63 0.00	33.36 1.26 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.91 1.57 0.00	31.01 1.68 0.00	30.82 1.37 0.00
ASTORIA_GT3_2 24099	31.88 1.86 0.00	30.87 1.76 0.00	25.00 1.46 0.00	25.40 1.39 0.00	24.52 1.28 0.00	25.25 1.32 0.00	27.03 1.41 0.00	20.96 1.42 0.00	24.12 1.60 0.00	27.70 1.81 0.00	29.60 2.09 0.00	33.02 2.35 0.00	30.42 2.20 0.00	34.24 2.19 0.00	35.63 2.22 0.00	35.17 2.04 0.00	31.28 1.78 0.00	30.56 1.63 0.00	33.36 1.26 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.91 1.57 0.00	31.01 1.68 0.00	30.82 1.37 0.00
ASTORIA_GT3_3 24100	31.88 1.86 0.00	30.87 1.76 0.00	25.00 1.46 0.00	25.40 1.39 0.00	24.52 1.28 0.00	25.25 1.32 0.00	27.03 1.41 0.00	20.96 1.42 0.00	24.12 1.60 0.00	27.70 1.81 0.00	29.60 2.09 0.00	33.02 2.35 0.00	30.42 2.20 0.00	34.24 2.19 0.00	35.63 2.22 0.00	35.17 2.04 0.00	31.28 1.78 0.00	30.56 1.63 0.00	33.36 1.26 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.91 1.57 0.00	31.01 1.68 0.00	30.82 1.37 0.00
ASTORIA_GT3_4 24101	31.88 1.86 0.00	30.87 1.76 0.00	25.00 1.46 0.00	25.40 1.39 0.00	24.52 1.28 0.00	25.25 1.32 0.00	27.03 1.41 0.00	20.96 1.42 0.00	24.12 1.60 0.00	27.70 1.81 0.00	29.60 2.09 0.00	33.02 2.35 0.00	30.42 2.20 0.00	34.24 2.19 0.00	35.63 2.22 0.00	35.17 2.04 0.00	31.28 1.78 0.00	30.56 1.63 0.00	33.36 1.26 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.91 1.57 0.00	31.01 1.68 0.00	30.82 1.37 0.00
ASTORIA_GT4_1 24102	31.88 1.86 0.00	30.87 1.76 0.00	25.00 1.46 0.00	25.40 1.39 0.00	24.52 1.28 0.00	25.25 1.32 0.00	27.03 1.41 0.00	20.96 1.42 0.00	24.12 1.60 0.00	27.70 1.81 0.00	29.60 2.09 0.00	33.02 2.35 0.00	30.42 2.20 0.00	34.24 2.19 0.00	35.63 2.22 0.00	35.17 2.04 0.00	31.28 1.78 0.00	30.56 1.63 0.00	33.36 1.26 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.91 1.57 0.00	31.01 1.68 0.00	30.82 1.37 0.00
ASTORIA_GT4_2 24103	31.88 1.86 0.00	30.87 1.76 0.00	25.00 1.46 0.00	25.40 1.39 0.00	24.52 1.28 0.00	25.25 1.32 0.00	27.03 1.41 0.00	20.96 1.42 0.00	24.12 1.60 0.00	27.70 1.81 0.00	29.60 2.09 0.00	33.02 2.35 0.00	30.42 2.20 0.00	34.24 2.19 0.00	35.63 2.22 0.00	35.17 2.04 0.00	31.28 1.78 0.00	30.56 1.63 0.00	33.36 1.26 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.91 1.57 0.00	31.01 1.68 0.00	30.82 1.37 0.00
ASTORIA_GT4_3 24104	31.88 1.86 0.00	30.87 1.76 0.00	25.00 1.46 0.00	25.40 1.39 0.00	24.52 1.28 0.00	25.25 1.32 0.00	27.03 1.41 0.00	20.96 1.42 0.00	24.12 1.60 0.00	27.70 1.81 0.00	29.60 2.09 0.00	33.02 2.35 0.00	30.42 2.20 0.00	34.24 2.19 0.00	35.63 2.22 0.00	35.17 2.04 0.00	31.28 1.78 0.00	30.56 1.63 0.00	33.36 1.26 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.91 1.57 0.00	31.01 1.68 0.00	30.82 1.37 0.00
ASTORIA_GT4_4 24105	31.88 1.86 0.00	30.87 1.76 0.00	25.00 1.46 0.00	25.40 1.39 0.00	24.52 1.28 0.00	25.25 1.32 0.00	27.03 1.41 0.00	20.96 1.42 0.00	24.12 1.60 0.00	27.70 1.81 0.00	29.60 2.09 0.00	33.02 2.35 0.00	30.42 2.20 0.00	34.24 2.19 0.00	35.63 2.22 0.00	35.17 2.04 0.00	31.28 1.78 0.00	30.56 1.63 0.00	33.36 1.26 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.91 1.57 0.00	31.01 1.68 0.00	30.82 1.37 0.00
ASTORIA_GT_1 23523	31.95 1.93 0.00	30.92 1.81 0.00	25.05 1.51 0.00	25.45 1.44 0.00	24.57 1.33 0.00	25.30 1.36 0.00	27.08 1.46 0.00	21.01 1.46 0.00	24.18 1.66 0.00	27.77 1.87 0.00	29.66 2.15 0.00	33.09 2.42 0.00	30.50 2.28 0.00	34.31 2.26 0.00	35.73 2.32 0.00	35.26 2.13 0.00	31.36 1.86 0.00	30.63 1.71 0.00	33.45 1.35 0.00	31.29 1.37 0.00	30.59 1.47 0.00	30.99 1.65 0.00	31.09 1.76 0.00	30.89 1.45 0.00

ASTORIA_GT_10 24110	31.78 1.77 0.00	30.79 1.68 0.00	24.92 1.38 0.00	25.35 1.34 0.00	24.45 1.21 0.00	25.20 1.26 0.00	26.95 1.33 0.00	20.89 1.35 0.00	24.07 1.55 0.00	27.67 1.77 0.00	29.59 2.08 0.00	32.99 2.32 0.00	30.38 2.17 0.00	34.22 2.17 0.00	35.59 2.18 0.00	35.13 2.00 0.00	31.26 1.76 0.00	30.56 1.63 0.00	33.36 1.27 0.00	31.20 1.28 0.00	30.51 1.40 0.00	30.90 1.56 0.00	30.96 1.63 0.00	30.75 1.30 0.00
ASTORIA_GT_11 24225	31.78 1.77 0.00	30.79 1.68 0.00	24.92 1.38 0.00	25.35 1.34 0.00	24.45 1.21 0.00	25.20 1.26 0.00	26.95 1.33 0.00	20.89 1.35 0.00	24.07 1.55 0.00	27.67 1.77 0.00	29.59 2.08 0.00	32.99 2.32 0.00	30.38 2.17 0.00	34.22 2.17 0.00	35.59 2.18 0.00	35.13 2.00 0.00	31.26 1.76 0.00	30.56 1.63 0.00	33.36 1.27 0.00	31.20 1.28 0.00	30.51 1.40 0.00	30.90 1.56 0.00	30.96 1.63 0.00	30.75 1.30 0.00
ASTORIA_GT_12 24226	31.78 1.76 0.00	30.79 1.68 0.00	24.92 1.38 0.00	25.35 1.34 0.00	24.45 1.22 0.00	25.19 1.26 0.00	26.95 1.33 0.00	20.89 1.35 0.00	24.07 1.55 0.00	27.67 1.77 0.00	29.59 2.08 0.00	32.99 2.32 0.00	30.38 2.17 0.00	34.22 2.17 0.00	35.59 2.18 0.00	35.13 2.00 0.00	31.26 1.76 0.00	30.55 1.63 0.00	33.37 1.27 0.00	31.20 1.28 0.00	30.51 1.40 0.00	30.90 1.56 0.00	30.95 1.63 0.00	30.75 1.30 0.00
ASTORIA_GT_13 24227	31.78 1.76 0.00	30.79 1.68 0.00	24.92 1.38 0.00	25.35 1.34 0.00	24.45 1.22 0.00	25.19 1.26 0.00	26.95 1.33 0.00	20.89 1.35 0.00	24.07 1.55 0.00	27.67 1.77 0.00	29.59 2.08 0.00	32.99 2.32 0.00	30.38 2.17 0.00	34.22 2.17 0.00	35.59 2.18 0.00	35.13 2.00 0.00	31.26 1.76 0.00	30.55 1.63 0.00	33.37 1.27 0.00	31.20 1.28 0.00	30.51 1.40 0.00	30.90 1.56 0.00	30.95 1.63 0.00	30.75 1.30 0.00
ASTORIA_GT_5 24106	31.95 1.93 0.00	30.92 1.81 0.00	25.05 1.51 0.00	25.45 1.44 0.00	24.57 1.33 0.00	25.30 1.36 0.00	27.08 1.46 0.00	21.01 1.46 0.00	24.18 1.66 0.00	27.77 1.87 0.00	29.66 2.15 0.00	33.09 2.42 0.00	30.50 2.28 0.00	34.31 2.26 0.00	35.73 2.32 0.00	35.26 2.13 0.00	31.36 1.86 0.00	30.63 1.71 0.00	33.45 1.35 0.00	31.29 1.37 0.00	30.59 1.47 0.00	30.99 1.65 0.00	31.09 1.76 0.00	30.89 1.45 0.00
ASTORIA_GT_7 24107	31.95 1.93 0.00	30.92 1.81 0.00	25.05 1.51 0.00	25.45 1.44 0.00	24.57 1.33 0.00	25.30 1.36 0.00	27.08 1.46 0.00	21.01 1.46 0.00	24.18 1.66 0.00	27.77 1.87 0.00	29.66 2.15 0.00	33.09 2.42 0.00	30.50 2.28 0.00	34.31 2.26 0.00	35.73 2.32 0.00	35.26 2.13 0.00	31.36 1.86 0.00	30.63 1.71 0.00	33.45 1.35 0.00	31.29 1.37 0.00	30.59 1.47 0.00	30.99 1.65 0.00	31.09 1.76 0.00	30.89 1.45 0.00
ASTORIA_GT_8 24108	31.95 1.93 0.00	30.93 1.82 0.00	25.05 1.51 0.00	25.45 1.43 0.00	24.57 1.33 0.00	25.30 1.36 0.00	27.08 1.46 0.00	21.00 1.46 0.00	24.18 1.66 0.00	27.77 1.87 0.00	29.67 2.15 0.00	33.09 2.42 0.00	30.50 2.28 0.00	34.31 2.26 0.00	35.73 2.31 0.00	35.26 2.13 0.00	31.36 1.86 0.00	30.64 1.71 0.00	33.45 1.35 0.00	31.29 1.37 0.00	30.59 1.47 0.00	30.99 1.65 0.00	31.09 1.76 0.00	30.89 1.44 0.00
ASTORIA___2 24149	31.87 1.86 0.00	30.86 1.75 0.00	25.00 1.46 0.00	25.40 1.39 0.00	24.52 1.28 0.00	25.25 1.32 0.00	27.03 1.40 0.00	20.96 1.42 0.00	24.12 1.60 0.00	27.70 1.81 0.00	29.60 2.09 0.00	33.02 2.35 0.00	30.42 2.20 0.00	34.24 2.19 0.00	35.64 2.23 0.00	35.17 2.04 0.00	31.28 1.78 0.00	30.55 1.63 0.00	33.36 1.26 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.91 1.57 0.00	31.01 1.68 0.00	30.82 1.37 0.00
ASTORIA___3 23516	31.78 1.76 0.00	30.79 1.68 0.00	24.92 1.38 0.00	25.35 1.34 0.00	24.45 1.21 0.00	25.19 1.26 0.00	26.95 1.33 0.00	20.89 1.35 0.00	24.07 1.55 0.00	27.67 1.77 0.00	29.59 2.08 0.00	32.99 2.32 0.00	30.38 2.17 0.00	34.22 2.17 0.00	35.59 2.18 0.00	35.13 2.00 0.00	31.26 1.76 0.00	30.55 1.63 0.00	33.36 1.27 0.00	31.20 1.28 0.00	30.51 1.40 0.00	30.90 1.56 0.00	30.95 1.63 0.00	30.75 1.30 0.00
ASTORIA___4 23517	31.78 1.77 0.00	30.79 1.68 0.00	24.92 1.38 0.00	25.35 1.34 0.00	24.45 1.21 0.00	25.20 1.26 0.00	26.95 1.33 0.00	20.89 1.35 0.00	24.07 1.55 0.00	27.67 1.77 0.00	29.59 2.08 0.00	32.99 2.32 0.00	30.38 2.17 0.00	34.22 2.17 0.00	35.59 2.18 0.00	35.13 2.00 0.00	31.26 1.76 0.00	30.56 1.63 0.00	33.36 1.27 0.00	31.20 1.28 0.00	30.51 1.40 0.00	30.90 1.56 0.00	30.96 1.63 0.00	30.75 1.30 0.00
ASTORIA___5 23518	31.78 1.76 0.00	30.79 1.68 0.00	24.92 1.38 0.00	25.35 1.34 0.00	24.45 1.22 0.00	25.19 1.26 0.00	26.95 1.33 0.00	20.89 1.35 0.00	24.07 1.55 0.00	27.67 1.77 0.00	29.59 2.08 0.00	32.99 2.32 0.00	30.38 2.17 0.00	34.22 2.17 0.00	35.59 2.18 0.00	35.13 2.00 0.00	31.26 1.76 0.00	30.55 1.63 0.00	33.37 1.27 0.00	31.20 1.28 0.00	30.51 1.40 0.00	30.90 1.56 0.00	30.95 1.63 0.00	30.75 1.30 0.00
AST_ENERGY_2_CC3 323677	31.75 1.73 0.00	30.76 1.65 0.00	24.87 1.33 0.00	25.30 1.28 0.00	24.40 1.16 0.00	25.14 1.20 0.00	26.91 1.28 0.00	20.86 1.31 0.00	24.03 1.51 0.00	27.62 1.72 0.00	29.53 2.01 0.00	32.94 2.27 0.00	30.31 2.09 0.00	34.22 2.17 0.00	35.57 2.16 0.00	35.10 1.96 0.00	31.18 1.68 0.00	30.49 1.56 0.00	33.35 1.25 0.00	31.12 1.21 0.00	30.43 1.32 0.00	30.83 1.49 0.00	30.91 1.58 0.00	30.68 1.23 0.00
AST_ENERGY_2_CC4 323678	31.75 1.73 0.00	30.76 1.65 0.00	24.87 1.33 0.00	25.30 1.28 0.00	24.40 1.16 0.00	25.14 1.20 0.00	26.91 1.28 0.00	20.86 1.31 0.00	24.03 1.51 0.00	27.62 1.72 0.00	29.53 2.01 0.00	32.94 2.27 0.00	30.31 2.09 0.00	34.22 2.17 0.00	35.57 2.16 0.00	35.10 1.96 0.00	31.18 1.68 0.00	30.49 1.56 0.00	33.35 1.25 0.00	31.12 1.21 0.00	30.43 1.32 0.00	30.83 1.49 0.00	30.91 1.58 0.00	30.68 1.23 0.00
ATHENS_STG_1 23668	30.93 0.91 0.00	30.05 0.94 0.00	24.33 0.79 0.00	24.85 0.83 0.00	24.00 0.77 0.00	24.73 0.79 0.00	26.41 0.78 0.00	20.32 0.77 0.00	23.40 0.88 0.00	26.84 0.94 0.00	28.63 1.11 0.00	31.92 1.25 0.00	29.32 1.11 0.00	33.17 1.11 0.00	34.51 1.09 0.00	34.16 1.02 0.00	30.33 0.83 0.00	29.70 0.78 0.00	32.72 0.62 0.00	30.54 0.62 0.00	29.79 0.67 0.00	30.11 0.77 0.00	30.16 0.84 0.00	30.06 0.62 0.00
ATHENS_STG_2 23670	30.93 0.91 0.00	30.05 0.94 0.00	24.33 0.79 0.00	24.85 0.83 0.00	24.00 0.77 0.00	24.73 0.79 0.00	26.41 0.78 0.00	20.32 0.77 0.00	23.40 0.88 0.00	26.84 0.94 0.00	28.63 1.11 0.00	31.92 1.25 0.00	29.32 1.11 0.00	33.17 1.11 0.00	34.51 1.09 0.00	34.16 1.02 0.00	30.33 0.83 0.00	29.70 0.78 0.00	32.72 0.62 0.00	30.54 0.62 0.00	29.79 0.67 0.00	30.11 0.77 0.00	30.16 0.84 0.00	30.06 0.62 0.00

ATHENS_STG_3 23677	30.93 0.91 0.00	30.05 0.94 0.00	24.33 0.79 0.00	24.85 0.83 0.00	24.00 0.77 0.00	24.73 0.79 0.00	26.41 0.78 0.00	20.32 0.77 0.00	23.40 0.88 0.00	26.84 0.94 0.00	28.63 1.11 0.00	31.92 1.25 0.00	29.32 1.11 0.00	33.17 1.11 0.00	34.51 1.09 0.00	34.16 1.02 0.00	30.33 0.83 0.00	29.70 0.78 0.00	32.72 0.62 0.00	30.54 0.62 0.00	29.79 0.67 0.00	30.11 0.77 0.00	30.16 0.84 0.00	30.06 0.62 0.00
AUBURN____LFGE 323710	30.67 0.65 0.00	29.59 0.48 0.00	23.90 0.36 0.00	24.35 0.33 0.00	23.51 0.27 0.00	24.30 0.36 0.00	25.95 0.33 0.00	19.86 0.32 0.00	22.90 0.37 0.00	26.39 0.49 0.00	27.91 0.40 0.00	31.20 0.53 0.00	28.69 0.48 0.00	32.67 0.62 0.00	34.18 0.77 0.00	34.05 0.92 0.00	30.37 0.87 0.00	29.85 0.93 0.00	33.30 1.20 0.00	31.03 1.12 0.00	30.14 1.02 0.00	30.29 0.95 0.00	30.22 0.89 0.00	30.20 0.75 0.00
BABYLON_RES_REC 323704	32.61 2.59 0.00	31.46 2.36 0.00	25.47 1.93 0.00	25.84 1.83 0.00	24.91 1.68 0.00	25.71 1.77 0.00	27.38 1.75 0.00	21.24 1.70 0.00	24.53 2.00 0.00	28.08 2.19 0.00	30.22 2.71 0.00	35.74 2.85 -2.23	46.90 2.55 -16.14	36.18 2.81 -1.31	35.86 2.45 0.00	35.49 2.36 0.00	31.11 1.61 0.00	30.39 1.46 0.00	33.23 1.13 0.00	31.04 1.13 0.00	30.47 1.36 0.00	31.19 1.85 0.00	31.38 2.05 0.00	31.02 1.57 0.00
BABYLON__69_KV_BK2 356345	33.07 3.06 0.00	31.88 2.77 0.00	25.79 2.26 0.00	26.16 2.15 0.00	25.22 1.98 0.00	26.02 2.08 0.00	27.70 2.08 0.00	21.50 1.95 0.00	24.86 2.34 0.00	28.47 2.58 0.00	30.72 3.20 0.00	36.49 3.59 -2.23	47.67 3.31 -16.14	37.09 3.73 -1.31	36.79 3.37 0.00	36.34 3.21 0.00	31.83 2.32 0.00	31.08 2.15 0.00	33.96 1.86 0.00	31.66 1.75 0.00	31.03 1.92 0.00	31.60 2.26 0.00	31.79 2.47 0.00	31.41 1.96 0.00
BARON_WINDS____WT_PWR 323822	30.89 0.87 0.00	29.64 0.53 0.00	23.81 0.27 0.00	24.14 0.12 0.00	23.30 0.07 0.00	24.19 0.26 0.00	25.99 0.36 0.00	19.90 0.35 0.00	23.04 0.52 0.00	26.67 0.77 0.00	28.37 0.86 0.00	31.73 1.06 0.00	29.13 0.91 0.00	33.20 1.15 0.00	34.86 1.45 0.00	34.67 1.54 0.00	30.90 1.40 0.00	30.30 1.38 0.00	33.96 1.86 0.00	31.59 1.68 0.00	30.62 1.50 0.00	30.79 1.45 0.00	30.86 1.53 0.00	30.88 1.44 0.00
BARRETT_IC_1 23704	32.21 2.19 -0.01	31.14 2.02 -0.01	25.19 1.65 -0.01	25.57 1.55 0.00	24.63 1.39 0.00	25.40 1.46 0.00	27.00 1.37 0.00	20.92 1.37 0.00	24.09 1.57 0.00	27.61 1.71 0.00	29.77 2.25 0.00	35.48 2.58 -2.23	46.61 2.26 -16.14	35.82 2.46 -1.31	35.75 2.34 0.00	35.26 2.13 0.00	30.88 1.39 0.01	30.21 1.29 0.01	33.05 0.96 0.01	30.80 0.89 0.00	30.21 1.09 0.00	30.81 1.47 0.00	31.07 1.74 0.00	30.70 1.25 0.00
BARRETT_IC_10 23701	32.21 2.19 -0.01	31.14 2.02 -0.01	25.19 1.65 -0.01	25.57 1.55 0.00	24.63 1.39 0.00	25.40 1.46 0.00	27.00 1.37 0.00	20.92 1.37 0.00	24.09 1.57 0.00	27.61 1.71 0.00	29.77 2.25 0.00	35.48 2.58 -2.23	46.61 2.26 -16.14	35.82 2.46 -1.31	35.75 2.34 0.00	35.26 2.13 0.00	30.88 1.39 0.01	30.21 1.29 0.01	33.05 0.96 0.01	30.80 0.89 0.00	30.21 1.09 0.00	30.81 1.47 0.00	31.07 1.74 0.00	30.70 1.25 0.00
BARRETT_IC_11 23702	32.21 2.19 -0.01	31.14 2.02 -0.01	25.19 1.65 -0.01	25.57 1.55 0.00	24.63 1.39 0.00	25.40 1.46 0.00	27.00 1.37 0.00	20.92 1.37 0.00	24.09 1.57 0.00	27.61 1.71 0.00	29.77 2.25 0.00	35.48 2.58 -2.23	46.61 2.26 -16.14	35.82 2.46 -1.31	35.75 2.34 0.00	35.26 2.13 0.00	30.88 1.39 0.01	30.21 1.29 0.01	33.05 0.96 0.01	30.80 0.89 0.00	30.21 1.09 0.00	30.81 1.47 0.00	31.07 1.74 0.00	30.70 1.25 0.00
BARRETT_IC_12 23703	32.21 2.19 -0.01	31.14 2.02 -0.01	25.19 1.65 -0.01	25.57 1.55 0.00	24.63 1.39 0.00	25.40 1.46 0.00	27.00 1.37 0.00	20.92 1.37 0.00	24.09 1.57 0.00	27.61 1.71 0.00	29.77 2.25 0.00	35.48 2.58 -2.23	46.61 2.26 -16.14	35.82 2.46 -1.31	35.75 2.34 0.00	35.26 2.13 0.00	30.88 1.39 0.01	30.21 1.29 0.01	33.05 0.96 0.01	30.80 0.89 0.00	30.21 1.09 0.00	30.81 1.47 0.00	31.07 1.74 0.00	30.70 1.25 0.00
BARRETT_IC_2 23705	32.21 2.19 -0.01	31.14 2.02 -0.01	25.19 1.65 -0.01	25.57 1.55 0.00	24.63 1.39 0.00	25.40 1.46 0.00	27.00 1.37 0.00	20.92 1.37 0.00	24.09 1.57 0.00	27.61 1.71 0.00	29.77 2.25 0.00	35.48 2.58 -2.23	46.61 2.26 -16.14	35.82 2.46 -1.31	35.75 2.34 0.00	35.26 2.13 0.00	30.88 1.39 0.01	30.21 1.29 0.01	33.05 0.96 0.01	30.80 0.89 0.00	30.21 1.09 0.00	30.81 1.47 0.00	31.07 1.74 0.00	30.70 1.25 0.00
BARRETT_IC_3 23706	32.21 2.19 -0.01	31.14 2.02 -0.01	25.19 1.65 -0.01	25.57 1.55 0.00	24.63 1.39 0.00	25.40 1.46 0.00	27.00 1.37 0.00	20.92 1.37 0.00	24.09 1.57 0.00	27.61 1.71 0.00	29.77 2.25 0.00	35.48 2.58 -2.23	46.61 2.26 -16.14	35.82 2.46 -1.31	35.75 2.34 0.00	35.26 2.13 0.00	30.88 1.39 0.01	30.21 1.29 0.01	33.05 0.96 0.01	30.80 0.89 0.00	30.21 1.09 0.00	30.81 1.47 0.00	31.07 1.74 0.00	30.70 1.25 0.00
BARRETT_IC_4 23707	32.21 2.19 -0.01	31.14 2.02 -0.01	25.19 1.65 -0.01	25.57 1.55 0.00	24.63 1.39 0.00	25.40 1.46 0.00	27.00 1.37 0.00	20.92 1.37 0.00	24.09 1.57 0.00	27.61 1.71 0.00	29.77 2.25 0.00	35.48 2.58 -2.23	46.61 2.26 -16.14	35.82 2.46 -1.31	35.75 2.34 0.00	35.26 2.13 0.00	30.88 1.39 0.01	30.21 1.29 0.01	33.05 0.96 0.01	30.80 0.89 0.00	30.21 1.09 0.00	30.81 1.47 0.00	31.07 1.74 0.00	30.70 1.25 0.00
BARRETT_IC_5 23708	32.21 2.19 -0.01	31.14 2.02 -0.01	25.19 1.65 -0.01	25.57 1.55 0.00	24.63 1.39 0.00	25.40 1.46 0.00	27.00 1.37 0.00	20.92 1.37 0.00	24.09 1.57 0.00	27.61 1.71 0.00	29.77 2.25 0.00	35.48 2.58 -2.23	46.61 2.26 -16.14	35.82 2.46 -1.31	35.75 2.34 0.00	35.26 2.13 0.00	30.88 1.39 0.01	30.21 1.29 0.01	33.05 0.96 0.01	30.80 0.89 0.00	30.21 1.09 0.00	30.81 1.47 0.00	31.07 1.74 0.00	30.70 1.25 0.00
BARRETT_IC_6 23709	32.21 2.19 -0.01	31.14 2.02 -0.01	25.19 1.65 -0.01	25.57 1.55 0.00	24.63 1.39 0.00	25.40 1.46 0.00	27.00 1.37 0.00	20.92 1.37 0.00	24.09 1.57 0.00	27.61 1.71 0.00	29.77 2.25 0.00	35.48 2.58 -2.23	46.61 2.26 -16.14	35.82 2.46 -1.31	35.75 2.34 0.00	35.26 2.13 0.00	30.88 1.39 0.01	30.21 1.29 0.01	33.05 0.96 0.01	30.80 0.89 0.00	30.21 1.09 0.00	30.81 1.47 0.00	31.07 1.74 0.00	30.70 1.25 0.00
BARRETT_IC_7 23710	32.21 2.19 0.00	31.14 2.03 0.00	25.19 1.65 0.00	25.56 1.55 0.00	24.63 1.39 0.00	25.40 1.46 0.00	27.00 1.37 0.00	20.91 1.37 0.00	24.09 1.57 0.00	27.61 1.71 0.00	29.77 2.26 0.00	35.48 2.58 -2.23	46.61 2.26 -16.14	35.82 2.46 -1.31	35.76 2.34 0.00	35.26 2.13 0.00	30.90 1.39 0.00	30.22 1.30 0.00	33.05 0.96 0.00	30.80 0.89 0.00	30.21 1.10 0.00	30.81 1.47 0.00	31.07 1.74 0.00	30.70 1.25 0.00

BARRETT_IC_8 23711	32.21 2.19 -0.01	31.14 2.02 -0.01	25.19 1.65 -0.01	25.57 1.55 0.00	24.63 1.39 0.00	25.40 1.46 0.00	27.00 1.37 0.00	20.92 1.37 0.00	24.09 1.57 0.00	27.61 1.71 0.00	29.77 2.25 0.00	35.48 2.58 -2.23	46.61 2.26 -16.14	35.82 2.46 -1.31	35.75 2.34 0.00	35.26 2.13 0.00	30.88 1.39 0.01	30.21 1.29 0.01	33.05 0.96 0.01	30.80 0.89 0.00	30.21 1.09 0.00	30.81 1.47 0.00	31.07 1.74 0.00	30.70 1.25 0.00
BARRETT_IC_9 23700	32.21 2.19 -0.01	31.14 2.02 -0.01	25.19 1.65 -0.01	25.57 1.55 0.00	24.63 1.39 0.00	25.40 1.46 0.00	27.00 1.37 0.00	20.92 1.37 0.00	24.09 1.57 0.00	27.61 1.71 0.00	29.77 2.25 0.00	35.48 2.58 -2.23	46.61 2.26 -16.14	35.82 2.46 -1.31	35.75 2.34 0.00	35.26 2.13 0.00	30.88 1.39 0.01	30.21 1.29 0.01	33.05 0.96 0.01	30.80 0.89 0.00	30.21 1.09 0.00	30.81 1.47 0.00	31.07 1.74 0.00	30.70 1.25 0.00
BARRETT___1 23545	32.21 2.19 -0.01	31.14 2.02 -0.01	25.19 1.65 -0.01	25.57 1.55 0.00	24.63 1.39 0.00	25.40 1.46 0.00	27.00 1.37 0.00	20.92 1.37 0.00	24.09 1.57 0.00	27.61 1.71 0.00	29.77 2.25 0.00	35.48 2.58 -2.23	46.61 2.26 -16.14	35.82 2.46 -1.31	35.75 2.34 0.00	35.26 2.13 0.00	30.88 1.39 0.01	30.21 1.29 0.01	33.05 0.96 0.01	30.80 0.89 0.00	30.21 1.09 0.00	30.81 1.47 0.00	31.07 1.74 0.00	30.70 1.25 0.00
BARRETT___2 23546	32.21 2.19 -0.01	31.14 2.02 -0.01	25.19 1.65 -0.01	25.57 1.55 0.00	24.63 1.39 0.00	25.40 1.46 0.00	27.00 1.37 0.00	20.92 1.37 0.00	24.09 1.57 0.00	27.61 1.71 0.00	29.77 2.25 0.00	35.48 2.58 -2.23	46.61 2.26 -16.14	35.82 2.46 -1.31	35.75 2.34 0.00	35.26 2.13 0.00	30.88 1.39 0.01	30.21 1.29 0.01	33.05 0.96 0.01	30.80 0.89 0.00	30.21 1.09 0.00	30.81 1.47 0.00	31.07 1.74 0.00	30.70 1.25 0.00
BATAVIA___115KV_TB1 55881	31.51 1.49 0.00	30.00 0.89 0.00	24.13 0.60 0.00	24.32 0.31 0.00	23.44 0.21 0.00	24.42 0.48 0.00	26.24 0.61 0.00	19.99 0.45 0.00	23.16 0.64 0.00	26.85 0.96 0.00	28.57 1.06 0.00	32.08 1.41 0.00	29.64 1.42 0.00	33.86 1.81 0.00	35.69 2.28 0.00	35.80 2.67 0.00	32.02 2.52 0.00	31.36 2.44 0.00	35.25 3.15 0.00	32.77 2.86 0.00	31.67 2.56 0.00	31.68 2.35 0.00	31.81 2.48 0.00	31.93 2.49 0.00
BAYONEEC___CTG1 323682	31.78 1.76 0.00	30.79 1.68 0.00	24.89 1.35 0.00	25.31 1.30 0.00	24.40 1.16 0.00	25.16 1.22 0.00	26.92 1.29 0.00	20.86 1.32 0.00	24.04 1.52 0.00	27.63 1.74 0.00	29.56 2.04 0.00	32.97 2.30 0.00	30.34 2.12 0.00	34.25 2.20 0.00	35.59 2.17 0.00	34.98 1.96 0.11	31.18 1.67 0.00	30.48 1.56 0.00	32.67 1.25 0.67	31.11 1.21 0.01	30.43 1.32 0.00	30.85 1.51 0.00	30.93 1.60 0.00	30.69 1.25 0.00
BAYONEEC___CTG10 323750	31.78 1.76 0.00	30.79 1.68 0.00	24.89 1.35 0.00	25.31 1.30 0.00	24.40 1.16 0.00	25.16 1.22 0.00	26.92 1.29 0.00	20.86 1.32 0.00	24.04 1.52 0.00	27.63 1.74 0.00	29.56 2.04 0.00	32.97 2.30 0.00	30.34 2.12 0.00	34.25 2.20 0.00	35.59 2.17 0.00	34.98 1.96 0.11	31.18 1.67 0.00	30.48 1.56 0.00	32.67 1.25 0.67	31.11 1.21 0.01	30.43 1.32 0.00	30.85 1.51 0.00	30.93 1.60 0.00	30.69 1.25 0.00
BAYONEEC___CTG2 323683	31.78 1.76 0.00	30.79 1.68 0.00	24.89 1.35 0.00	25.31 1.30 0.00	24.40 1.16 0.00	25.16 1.22 0.00	26.92 1.29 0.00	20.86 1.32 0.00	24.04 1.52 0.00	27.63 1.74 0.00	29.56 2.04 0.00	32.97 2.30 0.00	30.34 2.12 0.00	34.25 2.20 0.00	35.59 2.17 0.00	34.98 1.96 0.11	31.18 1.67 0.00	30.48 1.56 0.00	32.67 1.25 0.67	31.11 1.21 0.01	30.43 1.32 0.00	30.85 1.51 0.00	30.93 1.60 0.00	30.69 1.25 0.00
BAYONEEC___CTG3 323684	31.78 1.76 0.00	30.79 1.68 0.00	24.89 1.35 0.00	25.31 1.30 0.00	24.40 1.16 0.00	25.16 1.22 0.00	26.92 1.29 0.00	20.86 1.32 0.00	24.04 1.52 0.00	27.63 1.74 0.00	29.56 2.04 0.00	32.97 2.30 0.00	30.34 2.12 0.00	34.25 2.20 0.00	35.59 2.17 0.00	34.98 1.96 0.11	31.18 1.67 0.00	30.48 1.56 0.00	32.67 1.25 0.67	31.11 1.21 0.01	30.43 1.32 0.00	30.85 1.51 0.00	30.93 1.60 0.00	30.69 1.25 0.00
BAYONEEC___CTG4 323685	31.78 1.76 0.00	30.79 1.68 0.00	24.89 1.35 0.00	25.31 1.30 0.00	24.40 1.16 0.00	25.16 1.22 0.00	26.92 1.29 0.00	20.86 1.32 0.00	24.04 1.52 0.00	27.63 1.74 0.00	29.56 2.04 0.00	32.97 2.30 0.00	30.34 2.12 0.00	34.25 2.20 0.00	35.59 2.17 0.00	34.98 1.96 0.11	31.18 1.67 0.00	30.48 1.56 0.00	32.67 1.25 0.67	31.11 1.21 0.01	30.43 1.32 0.00	30.85 1.51 0.00	30.93 1.60 0.00	30.69 1.25 0.00
BAYONEEC___CTG5 323686	31.78 1.76 0.00	30.79 1.68 0.00	24.89 1.35 0.00	25.31 1.30 0.00	24.40 1.16 0.00	25.16 1.22 0.00	26.92 1.29 0.00	20.86 1.32 0.00	24.04 1.52 0.00	27.63 1.74 0.00	29.56 2.04 0.00	32.97 2.30 0.00	30.34 2.12 0.00	34.25 2.20 0.00	35.59 2.17 0.00	34.98 1.96 0.11	31.18 1.67 0.00	30.48 1.56 0.00	32.67 1.25 0.67	31.11 1.21 0.01	30.43 1.32 0.00	30.85 1.51 0.00	30.93 1.60 0.00	30.69 1.25 0.00
BAYONEEC___CTG6 323687	31.78 1.76 0.00	30.79 1.68 0.00	24.89 1.35 0.00	25.31 1.30 0.00	24.40 1.16 0.00	25.16 1.22 0.00	26.92 1.29 0.00	20.86 1.32 0.00	24.04 1.52 0.00	27.63 1.74 0.00	29.56 2.04 0.00	32.97 2.30 0.00	30.34 2.12 0.00	34.25 2.20 0.00	35.59 2.17 0.00	34.98 1.96 0.11	31.18 1.67 0.00	30.48 1.56 0.00	32.67 1.25 0.67	31.11 1.21 0.01	30.43 1.32 0.00	30.85 1.51 0.00	30.93 1.60 0.00	30.69 1.25 0.00
BAYONEEC___CTG7 323688	31.78 1.76 0.00	30.79 1.68 0.00	24.89 1.35 0.00	25.31 1.30 0.00	24.40 1.16 0.00	25.16 1.22 0.00	26.92 1.29 0.00	20.86 1.32 0.00	24.04 1.52 0.00	27.63 1.74 0.00	29.56 2.04 0.00	32.97 2.30 0.00	30.34 2.12 0.00	34.25 2.20 0.00	35.59 2.17 0.00	34.98 1.96 0.11	31.18 1.67 0.00	30.48 1.56 0.00	32.67 1.25 0.67	31.11 1.21 0.01	30.43 1.32 0.00	30.85 1.51 0.00	30.93 1.60 0.00	30.69 1.25 0.00
BAYONEEC___CTG8 323689	31.78 1.76 0.00	30.79 1.68 0.00	24.89 1.35 0.00	25.31 1.30 0.00	24.40 1.16 0.00	25.16 1.22 0.00	26.92 1.29 0.00	20.86 1.32 0.00	24.04 1.52 0.00	27.63 1.74 0.00	29.56 2.04 0.00	32.97 2.30 0.00	30.34 2.12 0.00	34.25 2.20 0.00	35.59 2.17 0.00	34.98 1.96 0.11	31.18 1.67 0.00	30.48 1.56 0.00	32.67 1.25 0.67	31.11 1.21 0.01	30.43 1.32 0.00	30.85 1.51 0.00	30.93 1.60 0.00	30.69 1.25 0.00
BAYONEEC___CTG9 323749	31.78 1.76 0.00	30.79 1.68 0.00	24.89 1.35 0.00	25.31 1.30 0.00	24.40 1.16 0.00	25.16 1.22 0.00	26.92 1.29 0.00	20.86 1.32 0.00	24.04 1.52 0.00	27.63 1.74 0.00	29.56 2.04 0.00	32.97 2.30 0.00	30.34 2.12 0.00	34.25 2.20 0.00	35.59 2.17 0.00	34.98 1.96 0.11	31.18 1.67 0.00	30.48 1.56 0.00	32.67 1.25 0.67	31.11 1.21 0.01	30.43 1.32 0.00	30.85 1.51 0.00	30.93 1.60 0.00	30.69 1.25 0.00

BEACON___LESR 323632	30.59 0.58 0.00	30.01 0.90 0.00	24.28 0.74 0.00	24.77 0.76 0.00	23.96 0.72 0.00	24.69 0.75 0.00	26.39 0.76 0.00	20.34 0.80 0.00	23.42 0.90 0.00	26.89 0.99 0.00	28.68 1.16 0.00	31.99 1.32 0.00	29.32 1.10 0.00	33.26 1.21 0.00	34.63 1.22 0.00	34.30 1.16 0.00	30.50 1.00 0.00	29.96 1.04 0.00	33.10 1.01 0.00	30.76 0.85 0.00	29.95 0.83 0.00	30.26 0.92 0.00	30.29 0.96 0.00	30.13 0.68 0.00
BEAVER RIVER___HYD 24048	30.52 0.50 0.00	29.51 0.40 0.00	23.81 0.27 0.00	24.24 0.23 0.00	23.41 0.17 0.00	24.05 0.11 0.00	25.72 0.10 0.00	19.47 -0.08 0.00	22.36 -0.16 0.00	25.76 -0.13 0.00	27.36 -0.16 0.00	30.27 -0.40 0.00	27.89 -0.33 0.00	31.58 -0.47 0.00	32.89 -0.52 0.00	32.42 -0.71 0.00	29.20 -0.30 0.00	28.57 -0.35 0.00	32.01 -0.09 0.00	29.82 -0.09 0.00	29.13 0.02 0.00	29.20 -0.15 0.00	29.21 -0.12 0.00	29.42 -0.03 0.00
BEEBEE_GT_13 23619	30.74 0.72 0.00	29.43 0.32 0.00	23.69 0.16 0.00	23.96 -0.05 0.00	23.11 -0.13 0.00	24.01 0.07 0.00	25.77 0.15 0.00	19.69 0.14 0.00	22.77 0.24 0.00	26.39 0.49 0.00	28.14 0.63 0.00	31.54 0.86 0.00	29.12 0.91 0.00	33.22 1.17 0.00	34.92 1.51 0.00	34.93 1.80 0.00	31.20 1.70 0.00	30.58 1.66 0.00	34.21 2.11 0.00	31.76 1.85 0.00	30.73 1.62 0.00	30.80 1.46 0.00	30.89 1.56 0.00	30.97 1.52 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.23 2.21 -0.01	31.22 2.10 -0.01	25.23 1.69 0.00	25.64 1.63 0.00	24.73 1.49 0.00	25.49 1.54 0.00	27.28 1.65 0.00	21.14 1.59 0.00	24.37 1.85 0.00	28.02 2.12 0.00	29.96 2.44 0.00	33.42 2.75 0.00	30.83 2.61 -0.01	34.67 2.62 0.00	36.08 2.67 0.00	35.54 2.41 0.00	31.67 2.17 0.00	30.90 1.98 0.00	33.72 1.62 0.00	31.58 1.67 0.00	30.89 1.78 0.00	31.29 1.95 0.00	31.34 2.01 0.00	31.12 1.67 0.00
BETHLEHEM___GRP 23843	30.34 0.32 0.00	29.61 0.50 0.00	24.00 0.46 0.00	24.51 0.50 0.00	23.70 0.46 0.00	24.41 0.47 0.00	26.08 0.45 0.00	20.06 0.52 0.00	23.05 0.53 0.00	26.42 0.51 0.00	28.17 0.66 0.00	31.39 0.72 0.00	28.81 0.59 0.00	32.61 0.56 0.00	33.98 0.57 0.00	33.70 0.57 0.00	29.95 0.45 0.00	29.39 0.47 0.00	32.40 0.30 0.00	30.21 0.30 0.00	29.43 0.32 0.00	29.70 0.36 0.00	29.71 0.38 0.00	29.61 0.17 0.00
BETHLEHEM___GS1 323560	30.34 0.32 0.00	29.61 0.50 0.00	24.00 0.47 0.00	24.51 0.50 0.00	23.70 0.46 0.00	24.41 0.47 0.00	26.08 0.45 0.00	20.06 0.52 0.00	23.05 0.53 0.00	26.42 0.51 0.00	28.17 0.66 0.00	31.39 0.72 0.00	28.81 0.59 0.00	32.61 0.56 0.00	33.98 0.57 0.00	33.70 0.57 0.00	29.95 0.45 0.00	29.39 0.47 0.00	32.40 0.30 0.00	30.21 0.30 0.00	29.43 0.32 0.00	29.70 0.36 0.00	29.71 0.39 0.00	29.62 0.17 0.00
BETHLEHEM___GS2 323561	30.34 0.32 0.00	29.61 0.50 0.00	24.00 0.47 0.00	24.51 0.50 0.00	23.70 0.46 0.00	24.41 0.47 0.00	26.08 0.45 0.00	20.06 0.52 0.00	23.05 0.53 0.00	26.42 0.51 0.00	28.17 0.66 0.00	31.39 0.72 0.00	28.81 0.59 0.00	32.61 0.56 0.00	33.98 0.57 0.00	33.70 0.57 0.00	29.95 0.45 0.00	29.39 0.47 0.00	32.40 0.30 0.00	30.21 0.30 0.00	29.43 0.32 0.00	29.70 0.36 0.00	29.71 0.39 0.00	29.62 0.17 0.00
BETHLEHEM___GS3 323562	30.34 0.32 0.00	29.61 0.50 0.00	24.00 0.47 0.00	24.51 0.50 0.00	23.70 0.46 0.00	24.41 0.47 0.00	26.08 0.45 0.00	20.06 0.52 0.00	23.05 0.53 0.00	26.42 0.51 0.00	28.17 0.66 0.00	31.39 0.72 0.00	28.81 0.59 0.00	32.61 0.56 0.00	33.98 0.57 0.00	33.70 0.57 0.00	29.95 0.45 0.00	29.39 0.47 0.00	32.40 0.30 0.00	30.21 0.30 0.00	29.43 0.32 0.00	29.70 0.36 0.00	29.71 0.39 0.00	29.62 0.17 0.00
BETHLEHEM___STEEL 23779	31.16 1.14 0.00	29.71 0.60 0.00	23.86 0.32 0.00	24.05 0.04 0.00	23.19 -0.05 0.00	24.19 0.25 0.00	26.01 0.39 0.00	19.86 0.31 0.00	23.01 0.49 0.00	26.71 0.81 0.00	28.48 0.96 0.00	31.95 1.27 0.00	29.46 1.24 0.00	33.62 1.57 0.00	35.43 2.02 0.00	35.47 2.34 0.00	31.64 2.14 0.00	30.94 2.01 0.00	34.69 2.59 0.00	32.12 2.21 0.00	31.03 1.92 0.00	31.08 1.74 0.00	31.32 2.00 0.00	31.49 2.05 0.00
BETHLHEM_115KV_TB1 79974	30.43 0.41 0.00	29.69 0.58 0.00	24.06 0.52 0.00	24.57 0.56 0.00	23.75 0.51 0.00	24.46 0.52 0.00	26.13 0.51 0.00	20.11 0.57 0.00	23.11 0.59 0.00	26.47 0.58 0.00	28.24 0.73 0.00	31.47 0.80 0.00	28.89 0.67 0.00	32.70 0.65 0.00	34.07 0.66 0.00	33.78 0.65 0.00	30.04 0.54 0.00	29.46 0.54 0.00	32.48 0.39 0.00	30.29 0.38 0.00	29.51 0.40 0.00	29.79 0.45 0.00	29.80 0.47 0.00	29.70 0.25 0.00
BETHPAGE_CC_5 323564	32.29 2.27 0.00	31.19 2.08 0.00	25.25 1.71 0.00	25.64 1.62 0.00	24.72 1.48 0.00	25.51 1.57 0.00	27.17 1.54 0.00	21.08 1.53 0.00	24.32 1.80 0.00	27.85 1.95 0.00	29.94 2.42 0.00	35.64 2.75 -2.23	46.92 2.56 -16.14	36.10 2.74 -1.31	35.99 2.57 0.00	35.57 2.44 0.00	31.20 1.69 0.00	30.49 1.57 0.00	33.35 1.25 0.00	31.05 1.14 0.00	30.41 1.30 0.00	30.91 1.57 0.00	31.08 1.75 0.00	30.74 1.30 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.22 1.21 0.00	29.77 0.66 0.00	23.91 0.37 0.00	24.10 0.09 0.00	23.24 0.00 0.00	24.24 0.30 0.00	26.07 0.44 0.00	19.91 0.36 0.00	23.07 0.55 0.00	26.79 0.89 0.00	28.56 1.05 0.00	32.06 1.39 0.00	29.56 1.34 0.00	33.75 1.70 0.00	35.57 2.16 0.00	35.59 2.46 0.00	31.75 2.24 0.00	31.04 2.12 0.00	34.81 2.71 0.00	32.23 2.32 0.00	31.12 2.01 0.00	31.18 1.84 0.00	31.41 2.08 0.00	31.56 2.11 0.00
BINGHAMTON___COGEN 23790	30.50 0.49 0.00	29.44 0.33 0.00	23.73 0.19 0.00	24.16 0.15 0.00	23.35 0.11 0.00	24.13 0.19 0.00	25.87 0.24 0.00	19.83 0.29 0.00	22.90 0.38 0.00	26.40 0.50 0.00	28.09 0.57 0.00	31.38 0.71 0.00	28.83 0.61 0.00	32.78 0.73 0.00	34.30 0.89 0.00	34.00 0.87 0.00	30.27 0.77 0.00	29.69 0.76 0.00	33.05 0.95 0.00	30.79 0.88 0.00	29.91 0.79 0.00	30.13 0.79 0.00	30.14 0.81 0.00	30.13 0.68 0.00
BIXINCNT_115KV_LOAD 355685	31.34 1.32 0.00	29.94 0.83 0.00	24.01 0.48 0.00	24.25 0.23 0.00	23.38 0.14 0.00	24.37 0.43 0.00	26.22 0.59 0.00	20.07 0.52 0.00	23.28 0.75 0.00	27.01 1.11 0.00	28.80 1.28 0.00	32.29 1.62 0.00	29.70 1.48 0.00	33.90 1.85 0.00	35.70 2.29 0.00	35.64 2.51 0.00	31.79 2.29 0.00	31.07 2.15 0.00	34.80 2.71 0.00	32.24 2.33 0.00	31.16 2.04 0.00	31.29 1.94 0.00	31.50 2.17 0.00	31.57 2.13 0.00
BLACK RIVER___HYD 24047	30.67 0.65 0.00	29.59 0.48 0.00	23.85 0.32 0.00	24.27 0.25 0.00	23.45 0.20 0.00	24.13 0.19 0.00	25.81 0.19 0.00	19.54 -0.01 0.00	22.40 -0.12 0.00	25.84 -0.05 0.00	27.53 0.02 0.00	30.40 -0.27 0.00	28.00 -0.21 0.00	31.66 -0.39 0.00	33.04 -0.38 0.00	32.46 -0.67 0.00	29.41 -0.09 0.00	28.74 -0.18 0.00	32.24 0.15 0.00	30.08 0.17 0.00	29.52 0.41 0.00	29.54 0.20 0.00	29.49 0.17 0.00	29.58 0.13 0.00

BLACKRVR_115KV_TB2 79977	30.67 0.65 0.00	29.59 0.48 0.00	23.86 0.32 0.00	24.27 0.25 0.00	23.45 0.20 0.00	24.14 0.20 0.00	25.81 0.18 0.00	19.54 -0.01 0.00	22.40 -0.12 0.00	25.84 -0.05 0.00	27.53 0.02 0.00	30.40 -0.27 0.00	28.00 -0.21 0.00	31.66 -0.39 0.00	33.04 -0.38 0.00	32.46 -0.67 0.00	29.41 -0.09 0.00	28.74 -0.18 0.00	32.25 0.15 0.00	30.08 0.17 0.00	29.52 0.41 0.00	29.54 0.20 0.00	29.49 0.17 0.00	29.58 0.13 0.00
BLISS_WT_PWR 323608	31.37 1.35 0.00	29.97 0.86 0.00	24.04 0.50 0.00	24.27 0.25 0.00	23.40 0.16 0.00	24.39 0.45 0.00	26.24 0.62 0.00	20.08 0.54 0.00	23.29 0.77 0.00	27.04 1.14 0.00	28.81 1.29 0.00	32.29 1.62 0.00	29.71 1.49 0.00	33.91 1.86 0.00	35.70 2.29 0.00	35.66 2.53 0.00	31.81 2.31 0.00	31.11 2.19 0.00	34.83 2.73 0.00	32.27 2.36 0.00	31.19 2.07 0.00	31.32 1.98 0.00	31.52 2.19 0.00	31.59 2.14 0.00
BLUE_CIRC_CHEM_DRP 24182	30.82 0.80 0.00	30.09 0.98 0.00	24.39 0.85 0.00	24.92 0.91 0.00	24.09 0.86 0.00	24.82 0.88 0.00	26.52 0.89 0.00	20.37 0.83 0.00	23.42 0.90 0.00	26.82 0.92 0.00	28.59 1.08 0.00	31.83 1.16 0.00	29.20 0.99 0.00	33.06 1.01 0.00	34.47 1.05 0.00	34.19 1.06 0.00	30.40 0.90 0.00	29.82 0.90 0.00	32.92 0.83 0.00	30.71 0.80 0.00	29.92 0.80 0.00	30.30 0.96 0.00	30.28 0.96 0.00	30.21 0.76 0.00
BOC_GAS_DRP 24189	30.65 0.63 0.00	29.86 0.75 0.00	24.19 0.65 0.00	24.71 0.70 0.00	23.88 0.64 0.00	24.60 0.66 0.00	26.28 0.66 0.00	20.19 0.64 0.00	23.23 0.71 0.00	26.63 0.73 0.00	28.40 0.89 0.00	31.64 0.97 0.00	29.06 0.84 0.00	32.89 0.84 0.00	34.25 0.84 0.00	33.95 0.83 0.00	30.17 0.67 0.00	29.57 0.65 0.00	32.62 0.52 0.00	30.43 0.52 0.00	29.66 0.55 0.00	29.97 0.63 0.00	29.99 0.66 0.00	29.92 0.46 0.00
BOONVLE_115KV_TB1 79983	30.65 0.63 0.00	29.63 0.52 0.00	23.93 0.39 0.00	24.39 0.37 0.00	23.58 0.34 0.00	24.30 0.36 0.00	26.01 0.39 0.00	19.84 0.29 0.00	22.86 0.34 0.00	26.33 0.43 0.00	28.08 0.57 0.00	31.34 0.67 0.00	28.85 0.63 0.00	32.74 0.69 0.00	34.13 0.72 0.00	33.70 0.57 0.00	30.07 0.56 0.00	29.51 0.59 0.00	32.91 0.81 0.00	30.70 0.78 0.00	29.86 0.75 0.00	30.00 0.66 0.00	29.94 0.61 0.00	29.98 0.53 0.00
BORALEX_4TH_BRANCH 23824	31.42 1.40 0.00	30.71 1.60 0.00	24.93 1.39 0.00	25.52 1.51 0.00	24.68 1.44 0.00	25.41 1.48 0.00	27.17 1.54 0.00	20.87 1.33 0.00	24.04 1.52 0.00	27.42 1.52 0.00	29.23 1.72 0.00	32.47 1.81 0.00	29.67 1.45 0.00	33.54 1.49 0.00	34.96 1.54 0.00	34.68 1.55 0.00	30.87 1.36 0.00	30.36 1.44 0.00	33.39 1.29 0.00	31.08 1.17 0.00	30.29 1.17 0.00	30.67 1.33 0.00	30.70 1.38 0.00	30.62 1.17 0.00
BOWLINE___1 23526	31.30 1.28 0.00	30.34 1.23 0.00	24.52 0.98 0.00	24.98 0.97 0.00	24.12 0.88 0.00	24.86 0.92 0.00	26.60 0.97 0.00	20.58 1.03 0.00	23.71 1.19 0.00	27.23 1.33 0.00	29.10 1.58 0.00	32.47 1.80 0.00	29.87 1.65 0.00	33.79 1.74 0.00	35.18 1.77 0.00	34.78 1.64 0.00	30.91 1.41 0.00	30.22 1.30 0.00	33.14 1.04 0.00	30.91 1.00 0.00	30.19 1.08 0.00	30.55 1.21 0.00	30.59 1.27 0.00	30.37 0.93 0.00
BOWLINE___2 23595	31.36 1.34 0.00	30.40 1.28 0.00	24.56 1.03 0.00	25.01 1.00 0.00	24.14 0.90 0.00	24.88 0.94 0.00	26.63 1.00 0.00	20.60 1.05 0.00	23.74 1.22 0.00	27.27 1.37 0.00	29.15 1.63 0.00	32.53 1.86 0.00	29.92 1.71 0.00	33.85 1.80 0.00	35.25 1.83 0.00	34.84 1.71 0.00	30.97 1.47 0.00	30.27 1.35 0.00	33.20 1.10 0.00	30.97 1.06 0.00	30.25 1.14 0.00	30.61 1.27 0.00	30.65 1.33 0.00	30.43 0.99 0.00
BRADY___115KV_TB2 356060	30.41 0.39 0.00	29.57 0.46 0.00	23.91 0.37 0.00	24.37 0.36 0.00	23.59 0.35 0.00	24.21 0.27 0.00	25.88 0.26 0.00	19.43 -0.12 0.00	22.38 -0.14 0.00	25.75 -0.15 0.00	27.26 -0.25 0.00	30.27 -0.40 0.00	27.90 -0.32 0.00	31.76 -0.29 0.00	33.10 -0.31 0.00	32.72 -0.41 0.00	29.19 -0.31 0.00	28.70 -0.22 0.00	31.98 -0.12 0.00	29.79 -0.12 0.00	29.01 -0.10 0.00	29.25 -0.09 0.00	29.35 0.02 0.00	29.89 0.44 0.00
BRANSCOMB___SOLAR 323811	31.57 1.55 0.00	30.67 1.56 0.00	24.83 1.29 0.00	25.32 1.31 0.00	24.49 1.25 0.00	25.23 1.29 0.00	26.97 1.35 0.00	20.71 1.16 0.00	23.88 1.36 0.00	27.34 1.44 0.00	29.09 1.57 0.00	32.36 1.69 0.00	29.62 1.40 0.00	33.57 1.52 0.00	35.03 1.62 0.00	34.70 1.57 0.00	30.93 1.43 0.00	30.47 1.55 0.00	33.85 1.75 0.00	31.49 1.58 0.00	30.61 1.50 0.00	30.94 1.60 0.00	30.90 1.57 0.00	30.78 1.33 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	32.85 2.83 0.00	31.70 2.59 0.00	25.66 2.12 0.00	26.05 2.03 0.00	25.10 1.86 0.00	25.92 1.98 0.00	27.58 1.95 0.00	21.40 1.85 0.00	24.74 2.22 0.00	28.32 2.43 0.00	30.49 2.97 0.00	36.26 3.36 -2.23	47.39 3.04 -16.14	36.74 3.38 -1.31	36.37 2.96 0.00	35.89 2.76 0.00	31.42 1.91 0.00	30.67 1.75 0.00	33.53 1.43 0.00	31.29 1.37 0.00	30.73 1.61 0.00	31.31 1.97 0.00	31.55 2.22 0.00	31.18 1.73 0.00
BRISTLHL_115KV_TB1 79998	29.55 -0.46 0.00	28.54 -0.57 0.00	23.07 -0.47 0.00	23.49 -0.53 0.00	22.71 -0.53 0.00	23.45 -0.49 0.00	25.10 -0.53 0.00	19.21 -0.33 0.00	22.14 -0.38 0.00	25.49 -0.41 0.00	27.16 -0.35 0.00	30.34 -0.33 0.00	27.94 -0.27 0.00	31.74 -0.31 0.00	33.13 -0.29 0.00	32.81 -0.32 0.00	29.25 -0.26 0.00	28.68 -0.24 0.00	31.90 -0.20 0.00	29.73 -0.18 0.00	28.91 -0.21 0.00	29.10 -0.25 0.00	29.10 -0.23 0.00	29.11 -0.34 0.00
BROOKHAVEN___DRP 24191	32.68 2.66 0.00	31.54 2.43 0.00	25.64 2.10 0.00	25.99 1.98 0.00	25.04 1.81 0.00	25.85 1.91 0.00	27.51 1.88 0.00	21.32 1.77 0.00	24.72 2.19 0.00	28.23 2.33 0.00	30.36 2.85 0.00	36.14 3.24 -2.23	47.38 3.02 -16.14	36.66 3.30 -1.31	36.53 3.12 0.00	36.08 2.95 0.00	31.55 2.05 0.00	30.85 1.93 0.00	33.70 1.60 0.00	31.34 1.43 0.00	30.63 1.51 0.00	31.19 1.85 0.00	31.35 2.02 0.00	30.94 1.49 0.00
BROOKLYN_NAVY_YARD 23515	31.74 1.72 0.00	30.74 1.63 0.00	24.87 1.33 0.00	25.29 1.28 0.00	24.38 1.14 0.00	25.12 1.18 0.00	26.90 1.27 0.00	20.84 1.30 0.00	24.02 1.50 0.00	27.60 1.71 0.00	29.49 1.97 0.00	32.90 2.23 0.00	30.27 2.06 0.00	34.18 2.13 0.00	35.54 2.13 0.00	35.06 1.93 0.00	31.17 1.66 0.00	30.48 1.56 0.00	33.33 1.23 0.00	31.12 1.21 0.00	30.42 1.30 0.00	30.82 1.48 0.00	30.91 1.59 0.00	30.69 1.24 0.00
BROOKLYN___ARMY_DRP 323595	31.98 1.96 -0.01	31.00 1.88 -0.01	25.06 1.52 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.21 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.05 1.70 0.00	31.09 1.77 0.00	30.88 1.44 0.00

BROOKVLE_69_KV_TB1 55790	32.27 2.25 0.00	31.25 2.14 0.00	25.26 1.72 0.00	25.66 1.64 0.00	24.75 1.51 0.00	25.53 1.59 0.00	27.22 1.60 0.00	21.10 1.55 0.00	24.34 1.82 0.00	27.95 2.05 0.00	29.95 2.44 0.00	35.69 2.80 -2.23	46.94 2.58 -16.14	36.09 2.73 -1.31	36.14 2.73 0.00	35.70 2.57 0.00	31.47 1.96 0.00	30.77 1.85 0.00	33.68 1.58 0.00	31.38 1.46 0.00	30.70 1.58 0.00	31.12 1.78 0.00	31.20 1.88 0.00	30.89 1.44 0.00
BROOME_2_LFGE 323671	30.51 0.49 0.00	29.45 0.34 0.00	23.73 0.19 0.00	24.16 0.14 0.00	23.35 0.11 0.00	24.14 0.19 0.00	25.87 0.24 0.00	19.83 0.29 0.00	22.91 0.38 0.00	26.40 0.50 0.00	28.09 0.57 0.00	31.38 0.71 0.00	28.83 0.61 0.00	32.78 0.73 0.00	34.30 0.89 0.00	34.00 0.87 0.00	30.27 0.77 0.00	29.69 0.76 0.00	33.05 0.95 0.00	30.79 0.88 0.00	29.91 0.79 0.00	30.13 0.79 0.00	30.14 0.81 0.00	30.12 0.68 0.00
BROOME___LFGE 323600	30.51 0.49 0.00	29.45 0.34 0.00	23.73 0.19 0.00	24.16 0.14 0.00	23.35 0.11 0.00	24.14 0.19 0.00	25.87 0.24 0.00	19.83 0.29 0.00	22.91 0.38 0.00	26.40 0.50 0.00	28.09 0.57 0.00	31.38 0.71 0.00	28.83 0.61 0.00	32.78 0.73 0.00	34.30 0.89 0.00	34.00 0.87 0.00	30.27 0.77 0.00	29.69 0.76 0.00	33.05 0.95 0.00	30.79 0.88 0.00	29.91 0.79 0.00	30.13 0.79 0.00	30.14 0.81 0.00	30.12 0.68 0.00
BROWNFLS_115KV_TB_3_5 80003	30.25 0.23 0.00	29.33 0.21 0.00	23.69 0.15 0.00	24.12 0.11 0.00	23.28 0.04 0.00	23.83 -0.11 0.00	25.46 -0.17 0.00	19.18 -0.36 0.00	22.07 -0.45 0.00	25.42 -0.47 0.00	26.93 -0.58 0.00	29.81 -0.85 0.00	27.48 -0.74 0.00	31.18 -0.87 0.00	32.48 -0.94 0.00	32.08 -1.05 0.00	28.79 -0.72 0.00	28.21 -0.71 0.00	31.52 -0.57 0.00	29.37 -0.54 0.00	28.66 -0.45 0.00	28.84 -0.50 0.00	28.97 -0.36 0.00	29.38 -0.07 0.00
BROWNSV1_27_KV_LOAD 356125	32.24 2.22 0.00	31.20 2.09 0.00	25.21 1.67 0.00	25.63 1.62 0.00	24.72 1.48 0.00	25.48 1.54 0.00	27.26 1.64 0.00	21.12 1.58 0.00	24.35 1.83 0.00	28.00 2.10 0.00	29.96 2.45 0.00	33.44 2.77 0.00	30.76 2.55 0.00	34.73 2.67 0.00	36.12 2.71 0.00	35.63 2.50 0.00	31.65 2.15 0.00	30.95 2.03 0.00	33.87 1.77 0.00	31.60 1.69 0.00	30.90 1.78 0.00	31.30 1.96 0.00	31.38 2.06 0.00	31.14 1.69 0.00
BURROWS___LYONSDAL 23803	30.60 0.58 0.00	29.58 0.47 0.00	23.88 0.34 0.00	24.33 0.31 0.00	23.51 0.28 0.00	24.22 0.28 0.00	25.92 0.30 0.00	19.73 0.19 0.00	22.72 0.20 0.00	26.17 0.27 0.00	27.89 0.38 0.00	31.06 0.39 0.00	28.59 0.38 0.00	32.43 0.38 0.00	33.80 0.38 0.00	33.35 0.22 0.00	29.82 0.32 0.00	29.24 0.32 0.00	32.65 0.55 0.00	30.43 0.52 0.00	29.62 0.50 0.00	29.73 0.39 0.00	29.69 0.36 0.00	29.77 0.32 0.00
CAITHNESS_CC_1 323624	32.61 2.59 0.00	31.47 2.37 0.00	25.58 2.04 0.00	25.93 1.92 0.00	24.99 1.75 0.00	25.79 1.85 0.00	27.44 1.82 0.00	21.28 1.74 0.00	24.65 2.13 0.00	28.16 2.26 0.00	30.29 2.77 0.00	36.04 3.15 -2.23	47.29 2.93 -16.14	36.56 3.20 -1.31	36.42 3.00 0.00	35.98 2.85 0.00	31.46 1.96 0.00	30.75 1.82 0.00	33.60 1.50 0.00	31.24 1.33 0.00	30.55 1.44 0.00	31.10 1.76 0.00	31.28 1.95 0.00	30.89 1.44 0.00
CALPINE BETH_PAGE_GT4 24209	32.25 2.23 0.00	31.15 2.04 0.00	25.20 1.66 0.00	25.58 1.57 0.00	24.66 1.42 0.00	25.45 1.51 0.00	27.11 1.49 0.00	21.03 1.48 0.00	24.27 1.75 0.00	27.80 1.90 0.00	29.92 2.40 0.00	35.64 2.74 -2.23	46.92 2.56 -16.14	36.09 2.73 -1.31	35.98 2.57 0.00	35.55 2.42 0.00	31.19 1.69 0.00	30.49 1.57 0.00	33.34 1.25 0.00	31.05 1.14 0.00	30.40 1.29 0.00	30.91 1.57 0.00	31.07 1.74 0.00	30.71 1.27 0.00
CALPINE_BETH_PAGE_GT_4 323586	32.25 2.23 0.00	31.14 2.04 0.00	25.20 1.66 0.00	25.59 1.57 0.00	24.66 1.42 0.00	25.45 1.51 0.00	27.11 1.48 0.00	21.03 1.49 0.00	24.27 1.75 0.00	27.80 1.91 0.00	29.92 2.40 0.00	35.64 2.74 -2.23	46.92 2.56 -16.14	36.08 2.72 -1.31	35.98 2.57 0.00	35.56 2.42 0.00	31.19 1.69 0.00	30.49 1.57 0.00	33.34 1.25 0.00	31.05 1.13 0.00	30.40 1.29 0.00	30.91 1.56 0.00	31.07 1.74 0.00	30.71 1.27 0.00
CALPINE_BP_GT1 23823	32.25 2.23 0.00	31.14 2.04 0.00	25.20 1.66 0.00	25.59 1.57 0.00	24.66 1.42 0.00	25.45 1.51 0.00	27.11 1.48 0.00	21.03 1.49 0.00	24.27 1.75 0.00	27.80 1.91 0.00	29.92 2.40 0.00	35.64 2.74 -2.23	46.92 2.56 -16.14	36.08 2.72 -1.31	35.98 2.57 0.00	35.56 2.42 0.00	31.19 1.69 0.00	30.49 1.57 0.00	33.34 1.25 0.00	31.05 1.13 0.00	30.40 1.29 0.00	30.91 1.56 0.00	31.07 1.74 0.00	30.71 1.27 0.00
CALSPAN___DRP 24200	31.16 1.14 0.00	29.71 0.60 0.00	23.86 0.32 0.00	24.05 0.04 0.00	23.19 -0.05 0.00	24.19 0.25 0.00	26.01 0.39 0.00	19.86 0.31 0.00	23.01 0.49 0.00	26.71 0.81 0.00	28.48 0.96 0.00	31.95 1.27 0.00	29.46 1.24 0.00	33.62 1.57 0.00	35.43 2.02 0.00	35.47 2.34 0.00	31.64 2.14 0.00	30.94 2.01 0.00	34.69 2.59 0.00	32.12 2.21 0.00	31.03 1.92 0.00	31.08 1.74 0.00	31.32 2.00 0.00	31.49 2.05 0.00
CALVERTON___SOLAR 323806	32.80 2.78 0.00	31.65 2.54 0.00	25.75 2.21 0.00	26.10 2.08 0.00	25.15 1.91 0.00	25.95 2.02 0.00	27.61 1.99 0.00	21.40 1.86 0.00	24.83 2.31 0.00	28.35 2.45 0.00	30.49 2.98 0.00	36.30 3.40 -2.23	47.53 3.18 -16.14	36.82 3.46 -1.31	36.73 3.32 0.00	36.27 3.13 0.00	31.71 2.21 0.00	31.02 2.10 0.00	33.90 1.80 0.00	31.51 1.59 0.00	30.77 1.66 0.00	31.35 2.01 0.00	31.49 2.17 0.00	31.06 1.62 0.00
CANDIGU_WT_PWR 323617	30.89 0.87 0.00	29.64 0.53 0.00	23.81 0.27 0.00	24.14 0.12 0.00	23.30 0.07 0.00	24.19 0.26 0.00	25.99 0.36 0.00	19.90 0.35 0.00	23.04 0.52 0.00	26.67 0.77 0.00	28.37 0.86 0.00	31.73 1.06 0.00	29.13 0.91 0.00	33.20 1.15 0.00	34.86 1.45 0.00	34.67 1.54 0.00	30.90 1.40 0.00	30.30 1.38 0.00	33.96 1.86 0.00	31.59 1.68 0.00	30.62 1.50 0.00	30.79 1.45 0.00	30.86 1.53 0.00	30.88 1.44 0.00
CARR STREET_E_SYR 24060	29.71 -0.31 0.00	28.69 -0.43 0.00	23.22 -0.32 0.00	23.65 -0.36 0.00	22.86 -0.38 0.00	23.61 -0.33 0.00	25.28 -0.34 0.00	19.36 -0.19 0.00	22.32 -0.20 0.00	25.70 -0.19 0.00	27.32 -0.20 0.00	30.52 -0.15 0.00	28.12 -0.10 0.00	31.96 -0.08 0.00	33.40 -0.01 0.00	33.15 0.02 0.00	29.54 0.04 0.00	28.99 0.06 0.00	32.24 0.14 0.00	30.02 0.11 0.00	29.16 0.05 0.00	29.34 0.00 0.00	29.31 -0.02 0.00	29.31 -0.13 0.00
CARTHAGE___PAPER 23857	30.73 0.71 0.00	29.69 0.58 0.00	23.95 0.41 0.00	24.37 0.36 0.00	23.54 0.30 0.00	24.21 0.27 0.00	25.89 0.26 0.00	19.57 0.03 0.00	22.45 -0.07 0.00	25.87 -0.03 0.00	27.48 -0.04 0.00	30.37 -0.30 0.00	28.01 -0.21 0.00	31.69 -0.36 0.00	33.00 -0.41 0.00	32.47 -0.66 0.00	29.34 -0.16 0.00	28.73 -0.19 0.00	32.23 0.13 0.00	30.09 0.18 0.00	29.47 0.36 0.00	29.51 0.17 0.00	29.50 0.17 0.00	29.66 0.21 0.00

CASSADAGA_WT_PWR 323784	31.80 1.78 0.00	30.35 1.24 0.00	24.28 0.75 0.00	24.53 0.51 0.00	23.67 0.43 0.00	24.67 0.74 0.00	26.57 0.94 0.00	20.35 0.81 0.00	23.62 1.10 0.00	27.44 1.54 0.00	29.25 1.73 0.00	32.84 2.17 0.00	30.20 1.98 0.00	34.52 2.47 0.00	36.39 2.98 0.00	36.34 3.21 0.00	32.41 2.91 0.00	31.71 2.78 0.00	35.54 3.44 0.00	32.92 3.00 0.00	31.77 2.65 0.00	31.83 2.49 0.00	31.96 2.64 0.00	32.09 2.65 0.00
CE_DUNWOOD___DRP 24194	31.62 1.60 0.00	30.65 1.54 0.00	24.78 1.24 0.00	25.22 1.21 0.00	24.34 1.10 0.00	25.08 1.14 0.00	26.83 1.21 0.00	20.76 1.21 0.00	23.93 1.41 0.00	27.50 1.60 0.00	29.39 1.88 0.00	32.80 2.14 0.00	30.17 1.95 0.00	34.10 2.05 0.00	35.49 2.08 0.00	35.06 1.93 0.00	31.14 1.64 0.00	30.45 1.53 0.00	33.38 1.28 0.00	31.13 1.21 0.00	30.41 1.30 0.00	30.78 1.44 0.00	30.83 1.50 0.00	30.62 1.17 0.00
CE_MILLWOOD___DRP 24193	31.54 1.52 0.00	30.58 1.47 0.00	24.72 1.18 0.00	25.17 1.15 0.00	24.28 1.05 0.00	25.03 1.09 0.00	26.77 1.15 0.00	20.71 1.17 0.00	23.88 1.35 0.00	27.43 1.53 0.00	29.32 1.80 0.00	32.72 2.05 0.00	30.09 1.87 0.00	34.02 1.97 0.00	35.40 1.99 0.00	34.99 1.86 0.00	31.08 1.58 0.00	30.39 1.47 0.00	33.33 1.23 0.00	31.09 1.18 0.00	30.36 1.25 0.00	30.73 1.39 0.00	30.78 1.45 0.00	30.56 1.12 0.00
CE_NYC2_DRP 24202	31.80 1.79 0.00	30.81 1.71 0.00	24.94 1.40 0.00	25.36 1.35 0.00	24.47 1.23 0.00	25.21 1.27 0.00	26.98 1.35 0.00	20.90 1.36 0.00	24.09 1.57 0.00	27.69 1.80 0.00	29.61 2.10 0.00	33.01 2.34 0.00	30.40 2.19 0.00	34.24 2.19 0.00	35.62 2.21 0.00	35.13 2.00 0.00	31.27 1.77 0.00	30.58 1.65 0.00	33.38 1.28 0.00	31.21 1.30 0.00	30.53 1.41 0.00	30.92 1.58 0.00	30.97 1.65 0.00	30.76 1.31 0.00
CE_NYC_DRP 24195	31.83 1.81 0.00	30.83 1.72 0.00	24.92 1.38 0.00	25.35 1.34 0.00	24.45 1.21 0.00	25.20 1.26 0.00	26.97 1.34 0.00	20.90 1.36 0.00	24.09 1.57 0.00	27.70 1.80 0.00	29.62 2.10 0.00	33.04 2.37 0.00	30.39 2.18 0.00	34.31 2.26 0.00	35.68 2.27 0.00	35.19 2.06 0.00	31.27 1.76 0.00	30.58 1.65 0.00	33.44 1.34 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.91 1.57 0.00	30.98 1.66 0.00	30.74 1.29 0.00
CHAFFEE___LFGE 323603	31.19 1.17 0.00	29.74 0.63 0.00	23.86 0.32 0.00	24.06 0.05 0.00	23.21 -0.03 0.00	24.21 0.27 0.00	26.05 0.42 0.00	19.90 0.35 0.00	23.05 0.53 0.00	26.76 0.86 0.00	28.50 0.99 0.00	32.01 1.34 0.00	29.53 1.31 0.00	33.73 1.68 0.00	35.55 2.13 0.00	35.57 2.44 0.00	31.74 2.24 0.00	31.05 2.13 0.00	34.83 2.73 0.00	32.26 2.34 0.00	31.15 2.03 0.00	31.20 1.86 0.00	31.41 2.09 0.00	31.53 2.08 0.00
CHATEAUG_35_KV_LOAD 355732	30.27 0.25 0.00	29.47 0.35 0.00	23.83 0.29 0.00	24.30 0.29 0.00	23.54 0.30 0.00	24.21 0.27 0.00	25.92 0.29 0.00	19.62 0.08 0.00	22.60 0.08 0.00	25.97 0.07 0.00	27.47 -0.05 0.00	30.53 -0.14 0.00	28.07 -0.15 0.00	31.98 -0.08 0.00	33.28 -0.13 0.00	32.92 -0.22 0.00	29.39 -0.12 0.00	28.93 0.01 0.00	32.16 0.06 0.00	29.96 0.04 0.00	29.17 0.06 0.00	29.39 0.05 0.00	29.37 0.04 0.00	29.73 0.28 0.00
CHATEAUG_WT_PWR 323614	30.32 0.31 0.00	29.51 0.40 0.00	23.87 0.33 0.00	24.34 0.32 0.00	23.57 0.33 0.00	24.24 0.30 0.00	25.94 0.31 0.00	19.65 0.10 0.00	22.64 0.12 0.00	25.98 0.08 0.00	27.51 0.00 0.00	30.58 -0.09 0.00	28.10 -0.12 0.00	32.01 -0.04 0.00	33.32 -0.09 0.00	32.99 -0.14 0.00	29.45 -0.05 0.00	29.00 0.08 0.00	32.23 0.14 0.00	29.99 0.07 0.00	29.20 0.09 0.00	29.43 0.09 0.00	29.41 0.08 0.00	29.76 0.31 0.00
CHAT_HIGH_FALL_HYD 323578	30.27 0.25 0.00	29.46 0.35 0.00	23.83 0.29 0.00	24.30 0.29 0.00	23.54 0.30 0.00	24.21 0.27 0.00	25.92 0.29 0.00	19.62 0.08 0.00	22.60 0.08 0.00	25.97 0.07 0.00	27.47 -0.05 0.00	30.53 -0.14 0.00	28.07 -0.14 0.00	31.98 -0.07 0.00	33.28 -0.13 0.00	32.91 -0.21 0.00	29.39 -0.11 0.00	28.93 0.01 0.00	32.16 0.06 0.00	29.96 0.04 0.00	29.17 0.06 0.00	29.39 0.05 0.00	29.37 0.04 0.00	29.73 0.28 0.00
CHAUTAUQUA___LFGE 323629	31.48 1.46 0.00	30.04 0.93 0.00	24.05 0.51 0.00	24.29 0.28 0.00	23.44 0.20 0.00	24.44 0.50 0.00	26.31 0.68 0.00	20.13 0.59 0.00	23.34 0.82 0.00	27.10 1.20 0.00	28.83 1.31 0.00	32.36 1.69 0.00	29.76 1.55 0.00	34.02 1.97 0.00	35.88 2.46 0.00	35.83 2.70 0.00	31.95 2.44 0.00	31.25 2.32 0.00	35.04 2.94 0.00	32.46 2.55 0.00	31.36 2.25 0.00	31.44 2.10 0.00	31.59 2.27 0.00	31.74 2.29 0.00
CHERRYST_13_KV_LD 356241	31.93 1.91 0.00	30.92 1.82 0.00	25.00 1.46 0.00	25.42 1.41 0.00	24.52 1.29 0.00	25.28 1.34 0.00	27.06 1.44 0.00	20.98 1.43 0.00	24.18 1.66 0.00	27.80 1.90 0.00	29.73 2.22 0.00	33.17 2.50 0.00	30.52 2.30 0.00	34.45 2.40 0.00	35.82 2.41 0.00	35.33 2.20 0.00	31.39 1.89 0.00	30.70 1.78 0.00	33.57 1.47 0.00	31.32 1.41 0.00	30.61 1.50 0.00	31.02 1.68 0.00	31.09 1.76 0.00	30.84 1.40 0.00
CHESTROR_138KV_BK263 355645	31.25 1.23 0.00	30.30 1.19 0.00	24.48 0.94 0.00	24.93 0.92 0.00	24.07 0.83 0.00	24.81 0.87 0.00	26.54 0.92 0.00	20.49 0.94 0.00	23.61 1.09 0.00	27.14 1.24 0.00	28.99 1.47 0.00	32.36 1.69 0.00	29.77 1.55 0.00	33.69 1.64 0.00	35.09 1.68 0.00	34.72 1.60 0.00	30.85 1.34 0.00	30.19 1.27 0.00	33.19 1.09 0.00	30.96 1.05 0.00	30.22 1.11 0.00	30.54 1.20 0.00	30.58 1.25 0.00	30.39 0.94 0.00
CH_MIDHUDSON___DRP 24192	31.56 1.54 0.00	30.62 1.51 0.00	24.78 1.24 0.00	25.22 1.21 0.00	24.35 1.11 0.00	25.09 1.15 0.00	26.84 1.21 0.00	20.73 1.19 0.00	23.89 1.37 0.00	27.44 1.54 0.00	29.33 1.81 0.00	32.72 2.05 0.00	30.09 1.87 0.00	34.04 1.99 0.00	35.48 2.07 0.00	35.09 1.96 0.00	31.14 1.64 0.00	30.49 1.57 0.00	33.51 1.41 0.00	31.24 1.33 0.00	30.50 1.38 0.00	30.81 1.47 0.00	30.82 1.49 0.00	30.63 1.18 0.00
CH_MISC_IPPS 23765	31.75 1.73 0.00	30.78 1.67 0.00	24.89 1.35 0.00	25.33 1.32 0.00	24.45 1.22 0.00	25.20 1.26 0.00	26.96 1.34 0.00	20.83 1.29 0.00	24.02 1.50 0.00	27.61 1.71 0.00	29.52 2.01 0.00	32.95 2.28 0.00	30.33 2.11 0.00	34.32 2.28 0.00	35.80 2.38 0.00	35.40 2.26 0.00	31.41 1.90 0.00	30.76 1.83 0.00	33.82 1.73 0.00	31.53 1.62 0.00	30.77 1.66 0.00	31.08 1.74 0.00	31.08 1.75 0.00	30.88 1.43 0.00
CH_RES_BVR_FALLS 23983	29.87 -0.15 0.00	29.02 -0.10 0.00	23.46 -0.08 0.00	23.94 -0.07 0.00	23.18 -0.06 0.00	23.87 -0.07 0.00	25.55 -0.08 0.00	19.42 -0.13 0.00	22.37 -0.15 0.00	25.73 -0.16 0.00	27.28 -0.24 0.00	30.37 -0.29 0.00	27.95 -0.27 0.00	31.77 -0.28 0.00	33.12 -0.30 0.00	32.80 -0.33 0.00	29.22 -0.28 0.00	28.63 -0.30 0.00	31.83 -0.27 0.00	29.63 -0.28 0.00	28.83 -0.28 0.00	28.99 -0.35 0.00	29.00 -0.32 0.00	29.25 -0.20 0.00

CH_RES_NIAGARA 23895	30.55 0.53 0.00	29.11 0.00 0.00	23.39 -0.14 0.00	23.55 -0.46 0.00	22.69 -0.55 0.00	23.71 -0.23 0.00	25.50 -0.12 0.00	19.42 -0.13 0.00	22.48 -0.04 0.00	26.10 0.20 0.00	27.79 0.28 0.00	30.99 0.32 0.00	28.61 0.39 0.00	32.61 0.56 0.00	34.36 0.94 0.00	34.40 1.26 0.00	30.60 1.10 0.00	29.90 0.98 0.00	33.49 1.39 0.00	31.02 1.11 0.00	30.01 0.89 0.00	30.02 0.68 0.00	30.46 1.13 0.00	30.76 1.31 0.00
CH_RES_SYRACUSE 23985	29.97 -0.05 0.00	28.94 -0.16 0.00	23.38 -0.16 0.00	23.81 -0.21 0.00	23.02 -0.22 0.00	23.76 -0.18 0.00	25.43 -0.19 0.00	19.47 -0.08 0.00	22.46 -0.06 0.00	25.87 -0.03 0.00	27.56 0.05 0.00	30.82 0.15 0.00	28.36 0.14 0.00	32.25 0.20 0.00	33.70 0.29 0.00	33.40 0.26 0.00	29.76 0.26 0.00	29.22 0.29 0.00	32.50 0.41 0.00	30.28 0.36 0.00	29.41 0.30 0.00	29.58 0.24 0.00	29.54 0.22 0.00	29.54 0.09 0.00
CLINTON_WT_PWR 323605	30.32 0.31 0.00	29.51 0.40 0.00	23.87 0.33 0.00	24.34 0.32 0.00	23.57 0.33 0.00	24.24 0.30 0.00	25.94 0.31 0.00	19.65 0.10 0.00	22.64 0.12 0.00	25.98 0.08 0.00	27.51 0.00 0.00	30.58 -0.09 0.00	28.10 -0.12 0.00	32.01 -0.04 0.00	33.32 -0.09 0.00	32.99 -0.14 0.00	29.45 -0.05 0.00	29.00 0.08 0.00	32.23 0.14 0.00	29.99 0.07 0.00	29.20 0.09 0.00	29.43 0.09 0.00	29.41 0.08 0.00	29.76 0.31 0.00
CLINTON____LFGE 323618	30.75 0.73 0.00	29.91 0.80 0.00	24.18 0.64 0.00	24.65 0.63 0.00	23.85 0.61 0.00	24.53 0.59 0.00	26.25 0.62 0.00	19.90 0.36 0.00	22.95 0.42 0.00	26.28 0.38 0.00	27.91 0.40 0.00	31.04 0.38 0.00	28.48 0.26 0.00	32.49 0.44 0.00	33.82 0.41 0.00	33.53 0.40 0.00	30.00 0.49 0.00	29.51 0.59 0.00	32.79 0.69 0.00	30.48 0.57 0.00	29.68 0.57 0.00	29.91 0.57 0.00	29.86 0.54 0.00	30.17 0.73 0.00
COBBLENY_34_KV_TB1 80064	31.18 1.16 0.00	29.74 0.63 0.00	23.87 0.33 0.00	24.07 0.05 0.00	23.21 -0.03 0.00	24.21 0.27 0.00	26.05 0.42 0.00	19.90 0.35 0.00	23.05 0.53 0.00	26.76 0.86 0.00	28.51 0.99 0.00	32.01 1.34 0.00	29.53 1.31 0.00	33.73 1.68 0.00	35.55 2.13 0.00	35.58 2.45 0.00	31.74 2.23 0.00	31.05 2.12 0.00	34.83 2.73 0.00	32.25 2.34 0.00	31.15 2.03 0.00	31.20 1.86 0.00	31.41 2.09 0.00	31.54 2.09 0.00
COFFEEN__115KV_TB3 355620	30.85 0.84 0.00	29.73 0.62 0.00	23.97 0.43 0.00	24.37 0.36 0.00	23.54 0.30 0.00	24.25 0.30 0.00	25.93 0.30 0.00	19.61 0.07 0.00	22.45 -0.07 0.00	25.94 0.04 0.00	27.69 0.17 0.00	30.50 -0.17 0.00	28.10 -0.12 0.00	31.77 -0.28 0.00	33.20 -0.21 0.00	32.57 -0.56 0.00	29.59 0.09 0.00	28.91 -0.01 0.00	32.44 0.34 0.00	30.28 0.37 0.00	29.81 0.69 0.00	29.83 0.49 0.00	29.75 0.42 0.00	29.81 0.36 0.00
COLDSPRG_115KV_BK1 355956	31.81 1.79 0.00	30.39 1.28 0.00	24.33 0.79 0.00	24.59 0.58 0.00	23.73 0.49 0.00	24.73 0.79 0.00	26.62 0.99 0.00	20.42 0.88 0.00	23.73 1.20 0.00	27.54 1.64 0.00	29.35 1.83 0.00	32.91 2.24 0.00	30.21 1.99 0.00	34.53 2.48 0.00	36.38 2.97 0.00	36.32 3.19 0.00	32.38 2.88 0.00	31.66 2.74 0.00	35.47 3.37 0.00	32.85 2.93 0.00	31.72 2.61 0.00	31.84 2.50 0.00	32.01 2.69 0.00	32.09 2.64 0.00
COLONIE_LFGE____ 323577	31.14 1.12 0.00	30.35 1.24 0.00	24.59 1.05 0.00	25.12 1.10 0.00	24.28 1.04 0.00	25.01 1.07 0.00	26.73 1.10 0.00	20.52 0.97 0.00	23.63 1.11 0.00	27.05 1.15 0.00	28.84 1.33 0.00	32.11 1.44 0.00	29.42 1.21 0.00	33.30 1.25 0.00	34.72 1.31 0.00	34.43 1.30 0.00	30.63 1.13 0.00	30.09 1.17 0.00	33.20 1.10 0.00	30.94 1.02 0.00	30.11 1.00 0.00	30.43 1.09 0.00	30.44 1.12 0.00	30.34 0.90 0.00
COOPERNY_115KV_TB1 80082	30.95 0.93 0.00	29.99 0.88 0.00	24.23 0.69 0.00	24.68 0.67 0.00	23.85 0.61 0.00	24.58 0.64 0.00	26.29 0.66 0.00	20.25 0.70 0.00	23.33 0.81 0.00	26.83 0.94 0.00	28.62 1.11 0.00	31.96 1.29 0.00	29.39 1.18 0.00	33.31 1.26 0.00	34.67 1.26 0.00	34.32 1.19 0.00	30.51 1.01 0.00	29.87 0.95 0.00	32.93 0.84 0.00	30.72 0.81 0.00	29.97 0.85 0.00	30.26 0.92 0.00	30.28 0.95 0.00	30.15 0.70 0.00
COPENHAGEN_WT_PWR 323753	30.57 0.55 0.00	29.49 0.38 0.00	23.78 0.24 0.00	24.19 0.18 0.00	23.38 0.14 0.00	24.07 0.13 0.00	25.74 0.11 0.00	19.51 -0.04 0.00	22.37 -0.15 0.00	25.81 -0.09 0.00	27.50 -0.02 0.00	30.38 -0.29 0.00	27.98 -0.24 0.00	31.62 -0.43 0.00	32.96 -0.46 0.00	32.40 -0.73 0.00	29.32 -0.18 0.00	28.64 -0.28 0.00	32.13 0.03 0.00	29.93 0.02 0.00	29.35 0.23 0.00	29.34 -0.01 0.00	29.29 -0.03 0.00	29.40 -0.05 0.00
CORNELL____ 23752	30.81 0.79 0.00	29.72 0.61 0.00	23.97 0.44 0.00	24.40 0.38 0.00	23.58 0.34 0.00	24.37 0.43 0.00	26.09 0.47 0.00	19.99 0.44 0.00	23.08 0.56 0.00	26.56 0.66 0.00	28.21 0.70 0.00	31.51 0.84 0.00	28.96 0.74 0.00	32.94 0.89 0.00	34.44 1.04 0.00	34.08 0.95 0.00	30.40 0.90 0.00	29.92 1.00 0.00	33.42 1.32 0.00	31.21 1.30 0.00	30.35 1.23 0.00	30.53 1.19 0.00	30.46 1.14 0.00	30.41 0.97 0.00
CORONA_AV_69_KV_TB1 355595	32.41 2.39 0.00	31.30 2.19 0.00	25.30 1.76 0.00	25.70 1.69 0.00	24.78 1.54 0.00	25.55 1.61 0.00	27.21 1.59 0.00	21.08 1.54 0.00	24.31 1.79 0.00	27.89 2.00 0.00	29.97 2.45 0.00	35.71 2.81 -2.23	46.94 2.59 -16.14	36.15 2.79 -1.31	36.12 2.70 0.00	35.62 2.49 0.00	31.31 1.81 0.00	30.62 1.69 0.00	33.49 1.40 0.00	31.21 1.30 0.00	30.57 1.46 0.00	31.06 1.72 0.00	31.23 1.90 0.00	30.89 1.44 0.00
CORTLAND_115KV_TB3 80093	30.48 0.46 0.00	29.42 0.31 0.00	23.74 0.20 0.00	24.17 0.16 0.00	23.37 0.13 0.00	24.14 0.20 0.00	25.86 0.23 0.00	19.80 0.25 0.00	22.85 0.32 0.00	26.31 0.41 0.00	27.99 0.48 0.00	31.26 0.59 0.00	28.75 0.54 0.00	32.69 0.63 0.00	34.15 0.74 0.00	33.84 0.71 0.00	30.16 0.65 0.00	29.61 0.68 0.00	33.00 0.90 0.00	30.79 0.88 0.00	29.93 0.82 0.00	30.13 0.79 0.00	30.08 0.75 0.00	30.05 0.60 0.00
COXSACKIE____GT 23611	31.94 1.93 0.00	31.19 2.08 0.00	25.26 1.72 0.00	25.80 1.79 0.00	24.94 1.71 0.00	25.71 1.77 0.00	27.47 1.84 0.00	21.12 1.57 0.00	24.35 1.83 0.00	27.98 2.08 0.00	29.78 2.26 0.00	33.04 2.36 0.00	30.24 2.02 0.00	34.25 2.20 0.00	35.88 2.46 0.00	35.59 2.46 0.00	31.62 2.12 0.00	31.20 2.28 0.00	34.67 2.57 0.00	32.49 2.58 0.00	31.66 2.54 0.00	32.51 3.17 0.00	32.26 2.94 0.00	32.03 2.58 0.00
CPV_VALLEY__CC1 323721	31.00 0.99 0.00	30.06 0.95 0.00	24.29 0.75 0.00	24.74 0.73 0.00	23.89 0.65 0.00	24.63 0.69 0.00	26.34 0.72 0.00	20.33 0.78 0.00	23.43 0.91 0.00	26.92 1.02 0.00	28.75 1.23 0.00	32.09 1.42 0.00	29.51 1.29 0.00	33.41 1.36 0.00	34.79 1.38 0.00	34.42 1.28 0.00	30.59 1.09 0.00	29.92 1.00 0.00	32.91 0.81 0.00	30.70 0.78 0.00	29.96 0.84 0.00	30.28 0.94 0.00	30.32 0.99 0.00	30.14 0.70 0.00

CPV_VALLEY___CC2 323722	31.00 0.99 0.00	30.06 0.95 0.00	24.29 0.75 0.00	24.74 0.73 0.00	23.89 0.65 0.00	24.63 0.69 0.00	26.34 0.72 0.00	20.33 0.78 0.00	23.43 0.91 0.00	26.92 1.02 0.00	28.75 1.23 0.00	32.09 1.42 0.00	29.51 1.29 0.00	33.41 1.36 0.00	34.79 1.38 0.00	34.42 1.28 0.00	30.59 1.09 0.00	29.92 1.00 0.00	32.91 0.81 0.00	30.70 0.78 0.00	29.96 0.84 0.00	30.28 0.94 0.00	30.32 0.99 0.00	30.14 0.70 0.00
CRESCENT___HYD 24018	31.14 1.12 0.00	30.35 1.24 0.00	24.59 1.05 0.00	25.12 1.10 0.00	24.28 1.04 0.00	25.01 1.07 0.00	26.73 1.10 0.00	20.52 0.97 0.00	23.63 1.11 0.00	27.05 1.15 0.00	28.84 1.33 0.00	32.11 1.44 0.00	29.42 1.21 0.00	33.30 1.25 0.00	34.72 1.31 0.00	34.43 1.30 0.00	30.63 1.13 0.00	30.09 1.17 0.00	33.20 1.10 0.00	30.94 1.02 0.00	30.11 1.00 0.00	30.43 1.09 0.00	30.44 1.12 0.00	30.34 0.90 0.00
CRICKET___VALLEY_CC1 323756	31.14 1.13 0.00	30.31 1.20 0.00	24.58 1.04 0.00	25.02 1.01 0.00	24.15 0.91 0.00	24.87 0.93 0.00	26.60 0.98 0.00	20.56 1.02 0.00	23.67 1.14 0.00	27.14 1.24 0.00	28.97 1.45 0.00	32.26 1.59 0.00	29.63 1.41 0.00	33.49 1.43 0.00	34.88 1.47 0.00	34.58 1.45 0.00	30.72 1.21 0.00	30.07 1.15 0.00	32.99 0.90 0.00	30.75 0.84 0.00	30.04 0.92 0.00	30.34 1.00 0.00	30.34 1.02 0.00	30.18 0.73 0.00
CRICKET___VALLEY_CC2 323757	31.14 1.13 0.00	30.31 1.20 0.00	24.58 1.04 0.00	25.02 1.01 0.00	24.15 0.91 0.00	24.87 0.93 0.00	26.60 0.98 0.00	20.56 1.02 0.00	23.67 1.14 0.00	27.14 1.24 0.00	28.97 1.45 0.00	32.26 1.59 0.00	29.63 1.41 0.00	33.49 1.43 0.00	34.88 1.47 0.00	34.58 1.45 0.00	30.72 1.21 0.00	30.07 1.15 0.00	32.99 0.90 0.00	30.75 0.84 0.00	30.04 0.92 0.00	30.34 1.00 0.00	30.34 1.02 0.00	30.18 0.73 0.00
CRICKET___VALLEY_CC3 323758	31.14 1.13 0.00	30.31 1.20 0.00	24.58 1.04 0.00	25.02 1.01 0.00	24.15 0.91 0.00	24.87 0.93 0.00	26.60 0.98 0.00	20.56 1.02 0.00	23.67 1.14 0.00	27.14 1.24 0.00	28.97 1.45 0.00	32.26 1.59 0.00	29.63 1.41 0.00	33.49 1.43 0.00	34.88 1.47 0.00	34.58 1.45 0.00	30.72 1.21 0.00	30.07 1.15 0.00	32.99 0.90 0.00	30.75 0.84 0.00	30.04 0.92 0.00	30.34 1.00 0.00	30.34 1.02 0.00	30.18 0.73 0.00
CRUCIBLE_METL_DRP 24180	29.97 -0.05 0.00	28.94 -0.17 0.00	23.38 -0.16 0.00	23.81 -0.21 0.00	23.01 -0.23 0.00	23.76 -0.18 0.00	25.43 -0.19 0.00	19.47 -0.08 0.00	22.46 -0.06 0.00	25.87 -0.03 0.00	27.56 0.05 0.00	30.81 0.14 0.00	28.36 0.14 0.00	32.25 0.20 0.00	33.70 0.29 0.00	33.40 0.27 0.00	29.76 0.26 0.00	29.21 0.29 0.00	32.50 0.41 0.00	30.27 0.36 0.00	29.41 0.30 0.00	29.58 0.24 0.00	29.54 0.22 0.00	29.54 0.09 0.00
DAHOWA___HYDRO 323763	31.66 1.64 0.00	30.74 1.63 0.00	24.88 1.34 0.00	25.36 1.35 0.00	24.53 1.30 0.00	25.26 1.32 0.00	27.02 1.39 0.00	20.73 1.19 0.00	23.94 1.42 0.00	27.40 1.50 0.00	29.15 1.63 0.00	32.44 1.77 0.00	29.68 1.46 0.00	33.66 1.61 0.00	35.15 1.73 0.00	34.80 1.67 0.00	31.03 1.53 0.00	30.61 1.68 0.00	34.02 1.93 0.00	31.62 1.71 0.00	30.73 1.61 0.00	31.05 1.71 0.00	31.00 1.68 0.00	30.87 1.42 0.00
DANC___LFGE 323619	30.18 0.16 0.00	29.13 0.02 0.00	23.50 -0.04 0.00	23.91 -0.10 0.00	23.11 -0.13 0.00	23.82 -0.12 0.00	25.49 -0.14 0.00	19.39 -0.16 0.00	22.27 -0.25 0.00	25.68 -0.21 0.00	27.35 -0.17 0.00	30.34 -0.33 0.00	27.93 -0.28 0.00	31.61 -0.44 0.00	32.97 -0.45 0.00	32.49 -0.64 0.00	29.24 -0.26 0.00	28.61 -0.31 0.00	32.00 -0.09 0.00	29.82 -0.09 0.00	29.15 0.04 0.00	29.25 -0.09 0.00	29.24 -0.09 0.00	29.31 -0.14 0.00
DANSKAMMER___1 23586	31.75 1.73 0.00	30.78 1.67 0.00	24.89 1.35 0.00	25.33 1.32 0.00	24.45 1.22 0.00	25.20 1.26 0.00	26.96 1.34 0.00	20.83 1.29 0.00	24.02 1.50 0.00	27.61 1.71 0.00	29.52 2.01 0.00	32.95 2.28 0.00	30.33 2.11 0.00	34.32 2.28 0.00	35.80 2.38 0.00	35.40 2.26 0.00	31.41 1.90 0.00	30.76 1.83 0.00	33.82 1.73 0.00	31.53 1.62 0.00	30.77 1.66 0.00	31.08 1.74 0.00	31.08 1.75 0.00	30.88 1.43 0.00
DANSKAMMER___2 23589	31.75 1.73 0.00	30.78 1.67 0.00	24.89 1.35 0.00	25.33 1.32 0.00	24.45 1.22 0.00	25.20 1.26 0.00	26.96 1.34 0.00	20.83 1.29 0.00	24.02 1.50 0.00	27.61 1.71 0.00	29.52 2.01 0.00	32.95 2.28 0.00	30.33 2.11 0.00	34.32 2.28 0.00	35.80 2.38 0.00	35.40 2.26 0.00	31.41 1.90 0.00	30.76 1.83 0.00	33.82 1.73 0.00	31.53 1.62 0.00	30.77 1.66 0.00	31.08 1.74 0.00	31.08 1.75 0.00	30.88 1.43 0.00
DANSKAMMER___3 23590	31.75 1.73 0.00	30.78 1.67 0.00	24.89 1.35 0.00	25.33 1.32 0.00	24.45 1.22 0.00	25.20 1.26 0.00	26.96 1.34 0.00	20.83 1.29 0.00	24.02 1.50 0.00	27.61 1.71 0.00	29.52 2.01 0.00	32.95 2.28 0.00	30.33 2.11 0.00	34.32 2.28 0.00	35.80 2.38 0.00	35.40 2.26 0.00	31.41 1.90 0.00	30.76 1.83 0.00	33.82 1.73 0.00	31.53 1.62 0.00	30.77 1.66 0.00	31.08 1.74 0.00	31.08 1.75 0.00	30.88 1.43 0.00
DANSKAMMER___4 23591	31.75 1.73 0.00	30.78 1.67 0.00	24.89 1.35 0.00	25.33 1.32 0.00	24.45 1.22 0.00	25.20 1.26 0.00	26.96 1.34 0.00	20.83 1.29 0.00	24.02 1.50 0.00	27.61 1.71 0.00	29.52 2.01 0.00	32.95 2.28 0.00	30.33 2.11 0.00	34.32 2.28 0.00	35.80 2.38 0.00	35.40 2.26 0.00	31.41 1.90 0.00	30.76 1.83 0.00	33.82 1.73 0.00	31.53 1.62 0.00	30.77 1.66 0.00	31.08 1.74 0.00	31.08 1.75 0.00	30.88 1.43 0.00
DANSKAMMER___DIESEL 23592	31.75 1.74 0.00	30.79 1.68 0.00	24.88 1.34 0.00	25.33 1.32 0.00	24.45 1.22 0.00	25.20 1.26 0.00	26.96 1.33 0.00	20.83 1.29 0.00	24.02 1.50 0.00	27.61 1.71 0.00	29.52 2.01 0.00	32.95 2.28 0.00	30.33 2.11 0.00	34.33 2.28 0.00	35.80 2.38 0.00	35.40 2.26 0.00	31.41 1.90 0.00	30.76 1.83 0.00	33.82 1.73 0.00	31.53 1.62 0.00	30.77 1.66 0.00	31.08 1.74 0.00	31.08 1.75 0.00	30.88 1.43 0.00
DARBY___SOLAR 323810	31.60 1.58 0.00	30.70 1.59 0.00	24.84 1.30 0.00	25.33 1.32 0.00	24.50 1.27 0.00	25.23 1.30 0.00	26.98 1.35 0.00	20.71 1.16 0.00	23.89 1.37 0.00	27.35 1.45 0.00	29.09 1.58 0.00	32.36 1.70 0.00	29.63 1.41 0.00	33.59 1.54 0.00	35.06 1.65 0.00	34.73 1.60 0.00	30.96 1.46 0.00	30.51 1.59 0.00	33.87 1.77 0.00	31.51 1.60 0.00	30.63 1.51 0.00	30.96 1.61 0.00	30.93 1.60 0.00	30.80 1.35 0.00
DASHVILLE___HYD 23610	31.28 1.26 0.00	30.28 1.17 0.00	24.48 0.95 0.00	24.93 0.92 0.00	24.06 0.82 0.00	24.80 0.85 0.00	26.53 0.90 0.00	20.51 0.97 0.00	23.63 1.11 0.00	27.14 1.25 0.00	29.08 1.57 0.00	32.47 1.80 0.00	29.89 1.67 0.00	33.79 1.74 0.00	35.25 1.84 0.00	34.67 1.54 0.00	30.74 1.24 0.00	30.12 1.20 0.00	33.06 0.96 0.00	30.86 0.95 0.00	30.14 1.03 0.00	30.43 1.09 0.00	30.45 1.13 0.00	30.27 0.82 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	33.74 3.72 0.00	32.57 3.46 0.00	26.46 2.93 0.00	26.80 2.79 0.00	25.82 2.58 0.00	26.64 2.70 0.00	28.36 2.73 0.00	21.98 2.44 0.00	25.58 3.06 0.00	29.20 3.30 0.00	31.45 3.93 0.00	37.46 4.56 -2.23	48.68 4.33 -16.14	38.00 4.64 -1.31	38.09 4.68 0.00	37.61 4.48 0.00	32.90 3.40 0.00	32.20 3.28 0.00	35.18 3.08 0.00	32.61 2.70 0.00	31.76 2.65 0.00	32.55 3.21 0.00	32.53 3.20 0.00	32.02 2.57 0.00
DELAWARE___LFGE 323621	31.02 1.01 0.00	30.03 0.92 0.00	24.25 0.72 0.00	24.73 0.72 0.00	23.90 0.66 0.00	24.66 0.72 0.00	26.35 0.73 0.00	20.21 0.66 0.00	23.31 0.79 0.00	26.85 0.95 0.00	28.59 1.08 0.00	31.91 1.24 0.00	29.34 1.12 0.00	33.28 1.23 0.00	34.73 1.32 0.00	34.38 1.25 0.00	30.57 1.07 0.00	29.95 1.03 0.00	33.20 1.11 0.00	31.01 1.09 0.00	30.19 1.07 0.00	30.43 1.08 0.00	30.43 1.10 0.00	30.39 0.95 0.00
DERFIELD_115KV_TB7 355931	30.05 0.03 0.00	29.14 0.03 0.00	23.56 0.02 0.00	24.03 0.02 0.00	23.24 0.00 0.00	23.95 0.01 0.00	25.63 0.00 0.00	19.58 0.04 0.00	22.57 0.05 0.00	25.95 0.05 0.00	27.60 0.09 0.00	30.79 0.12 0.00	28.33 0.11 0.00	32.15 0.10 0.00	33.51 0.10 0.00	33.21 0.08 0.00	29.56 0.06 0.00	28.98 0.06 0.00	32.16 0.06 0.00	29.97 0.06 0.00	29.17 0.06 0.00	29.40 0.06 0.00	29.38 0.06 0.00	29.45 0.00 0.00
DOGLEVILLE___HYD 23807	29.78 -0.24 0.00	28.94 -0.16 0.00	23.40 -0.14 0.00	23.94 -0.08 0.00	23.13 -0.11 0.00	23.83 -0.11 0.00	25.46 -0.17 0.00	19.60 0.05 0.00	22.68 0.16 0.00	25.83 -0.07 0.00	27.64 0.13 0.00	30.88 0.21 0.00	28.26 0.04 0.00	32.04 -0.02 0.00	33.35 -0.06 0.00	32.87 -0.26 0.00	29.12 -0.39 0.00	28.73 -0.19 0.00	31.80 -0.29 0.00	29.71 -0.20 0.00	28.98 -0.13 0.00	29.40 0.06 0.00	29.33 0.00 0.00	29.03 -0.42 0.00
DUNKIRK___115KV_TB_200 55889	31.41 1.39 0.00	29.98 0.87 0.00	24.01 0.47 0.00	24.25 0.24 0.00	23.40 0.16 0.00	24.39 0.45 0.00	26.26 0.64 0.00	20.09 0.55 0.00	23.29 0.77 0.00	27.03 1.13 0.00	28.77 1.25 0.00	32.29 1.62 0.00	29.69 1.48 0.00	33.95 1.90 0.00	35.80 2.39 0.00	35.75 2.62 0.00	31.87 2.37 0.00	31.17 2.25 0.00	34.96 2.87 0.00	32.40 2.49 0.00	31.29 2.18 0.00	31.37 2.03 0.00	31.54 2.21 0.00	31.68 2.23 0.00
DUNKIRK___1 23563	31.41 1.39 0.00	29.98 0.87 0.00	24.01 0.47 0.00	24.25 0.24 0.00	23.40 0.16 0.00	24.39 0.45 0.00	26.26 0.64 0.00	20.09 0.55 0.00	23.29 0.77 0.00	27.03 1.13 0.00	28.77 1.25 0.00	32.29 1.62 0.00	29.69 1.48 0.00	33.95 1.90 0.00	35.80 2.39 0.00	35.75 2.62 0.00	31.87 2.37 0.00	31.17 2.25 0.00	34.96 2.87 0.00	32.40 2.49 0.00	31.29 2.18 0.00	31.37 2.03 0.00	31.54 2.21 0.00	31.68 2.23 0.00
DUNKIRK___2 23564	31.41 1.39 0.00	29.98 0.87 0.00	24.01 0.47 0.00	24.25 0.24 0.00	23.40 0.16 0.00	24.39 0.45 0.00	26.26 0.64 0.00	20.09 0.55 0.00	23.29 0.77 0.00	27.03 1.13 0.00	28.77 1.25 0.00	32.29 1.62 0.00	29.69 1.48 0.00	33.95 1.90 0.00	35.80 2.39 0.00	35.75 2.62 0.00	31.87 2.37 0.00	31.17 2.25 0.00	34.96 2.87 0.00	32.40 2.49 0.00	31.29 2.18 0.00	31.37 2.03 0.00	31.54 2.21 0.00	31.68 2.23 0.00
DUNKIRK___3 23565	31.23 1.21 0.00	29.81 0.70 0.00	23.89 0.36 0.00	24.13 0.12 0.00	23.28 0.04 0.00	24.27 0.33 0.00	26.12 0.49 0.00	19.97 0.43 0.00	23.15 0.63 0.00	26.87 0.97 0.00	28.58 1.07 0.00	32.08 1.41 0.00	29.50 1.28 0.00	33.72 1.67 0.00	35.53 2.12 0.00	35.50 2.37 0.00	31.66 2.15 0.00	30.95 2.03 0.00	34.71 2.62 0.00	32.16 2.25 0.00	31.07 1.95 0.00	31.16 1.82 0.00	31.35 2.02 0.00	31.50 2.05 0.00
DUNKIRK___4 23566	31.23 1.21 0.00	29.81 0.70 0.00	23.89 0.36 0.00	24.13 0.12 0.00	23.28 0.04 0.00	24.27 0.33 0.00	26.12 0.49 0.00	19.97 0.43 0.00	23.15 0.63 0.00	26.87 0.97 0.00	28.58 1.07 0.00	32.08 1.41 0.00	29.50 1.28 0.00	33.72 1.67 0.00	35.53 2.12 0.00	35.50 2.37 0.00	31.66 2.15 0.00	30.95 2.03 0.00	34.71 2.62 0.00	32.16 2.25 0.00	31.07 1.95 0.00	31.16 1.82 0.00	31.35 2.02 0.00	31.50 2.05 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.70 1.68 0.00	30.73 1.62 0.00	24.84 1.30 0.00	25.27 1.26 0.00	24.38 1.14 0.00	25.13 1.19 0.00	26.88 1.26 0.00	20.81 1.26 0.00	23.98 1.46 0.00	27.56 1.66 0.00	29.47 1.96 0.00	32.89 2.22 0.00	30.24 2.02 0.00	34.17 2.12 0.00	35.56 2.15 0.00	35.12 1.99 0.00	31.18 1.68 0.00	30.50 1.58 0.00	33.42 1.32 0.00	31.17 1.25 0.00	30.46 1.34 0.00	30.83 1.49 0.00	30.89 1.56 0.00	30.67 1.22 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.46 1.44 0.00	30.49 1.38 0.00	24.64 1.10 0.00	25.09 1.07 0.00	24.22 0.98 0.00	24.96 1.02 0.00	26.70 1.07 0.00	20.62 1.08 0.00	23.77 1.25 0.00	27.33 1.43 0.00	29.21 1.69 0.00	32.60 1.93 0.00	29.99 1.78 0.00	33.95 1.90 0.00	35.40 1.98 0.00	34.99 1.86 0.00	31.05 1.55 0.00	30.40 1.48 0.00	33.44 1.34 0.00	31.19 1.28 0.00	30.46 1.34 0.00	30.77 1.43 0.00	30.78 1.46 0.00	30.58 1.14 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	31.83 1.82 0.00	30.83 1.73 0.00	24.97 1.43 0.00	25.38 1.37 0.00	24.50 1.26 0.00	25.24 1.30 0.00	27.01 1.38 0.00	20.93 1.39 0.00	24.09 1.57 0.00	27.67 1.77 0.00	29.57 2.06 0.00	32.98 2.31 0.00	30.42 2.20 0.00	34.23 2.18 0.00	35.64 2.23 0.00	35.20 2.07 0.00	31.32 1.82 0.00	30.60 1.68 0.00	33.41 1.31 0.00	31.26 1.35 0.00	30.54 1.43 0.00	30.94 1.60 0.00	30.99 1.67 0.00	30.81 1.36 0.00
E179THST_13_KV_LOAD 356214	32.03 2.02 0.00	31.01 1.90 0.00	25.10 1.56 0.00	25.52 1.51 0.00	24.63 1.39 0.00	25.38 1.44 0.00	27.16 1.53 0.00	21.04 1.50 0.00	24.23 1.70 0.00	27.83 1.93 0.00	29.75 2.23 0.00	33.19 2.52 0.00	30.59 2.38 0.00	34.44 2.39 0.00	35.87 2.45 0.00	35.42 2.29 0.00	31.52 2.01 0.00	30.78 1.86 0.00	33.62 1.53 0.00	31.45 1.54 0.00	30.74 1.63 0.00	31.13 1.79 0.00	31.19 1.86 0.00	30.99 1.54 0.00
EAST HAMPTON___GT 23717	34.28 4.26 0.00	33.17 4.06 0.00	26.94 3.40 0.00	27.27 3.26 0.00	26.27 3.03 0.00	27.09 3.15 0.00	28.86 3.24 0.00	22.39 2.84 0.00	26.08 3.56 0.00	29.67 3.77 0.00	31.92 4.41 0.00	38.04 5.15 -2.23	49.25 4.89 -16.14	38.47 5.11 -1.31	38.68 5.27 0.00	38.28 5.15 0.00	33.49 3.99 0.00	32.79 3.87 0.00	35.82 3.72 0.00	33.14 3.23 0.00	32.25 3.14 0.00	33.44 4.10 0.00	33.23 3.91 0.00	32.67 3.22 0.00
EAST RIVER___6 23660	31.88 1.86 0.00	30.85 1.74 0.00	24.93 1.39 0.00	25.36 1.34 0.00	24.47 1.23 0.00	25.22 1.28 0.00	26.99 1.37 0.00	20.95 1.40 0.00	24.13 1.61 0.00	27.74 1.84 0.00	29.63 2.12 0.00	33.08 2.41 0.00	30.45 2.24 0.00	34.38 2.33 0.00	35.75 2.34 0.00	35.29 2.16 0.00	31.35 1.84 0.00	30.65 1.73 0.00	33.49 1.40 0.00	31.26 1.35 0.00	30.55 1.43 0.00	30.96 1.61 0.00	31.04 1.71 0.00	30.78 1.33 0.00

EAST_RIVER___7 23524	31.88 1.86 0.00	30.85 1.74 0.00	24.93 1.39 0.00	25.36 1.34 0.00	24.47 1.23 0.00	25.22 1.28 0.00	26.99 1.37 0.00	20.95 1.40 0.00	24.13 1.61 0.00	27.74 1.84 0.00	29.63 2.12 0.00	33.08 2.41 0.00	30.45 2.24 0.00	34.38 2.33 0.00	35.75 2.34 0.00	35.29 2.16 0.00	31.35 1.84 0.00	30.65 1.73 0.00	33.49 1.40 0.00	31.26 1.35 0.00	30.55 1.43 0.00	30.96 1.61 0.00	31.04 1.71 0.00	30.78 1.33 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.62 1.60 0.00	30.65 1.54 0.00	24.78 1.24 0.00	25.22 1.21 0.00	24.34 1.10 0.00	25.08 1.14 0.00	26.83 1.21 0.00	20.76 1.21 0.00	23.93 1.41 0.00	27.50 1.60 0.00	29.39 1.88 0.00	32.80 2.14 0.00	30.17 1.95 0.00	34.10 2.05 0.00	35.49 2.08 0.00	35.06 1.93 0.00	31.14 1.64 0.00	30.45 1.53 0.00	33.38 1.28 0.00	31.13 1.21 0.00	30.41 1.30 0.00	30.78 1.44 0.00	30.83 1.50 0.00	30.62 1.17 0.00
EAST_HAMPTON___DIESEL 23722	34.29 4.27 0.00	33.17 4.06 0.00	26.94 3.40 0.00	27.27 3.26 0.00	26.27 3.03 0.00	27.10 3.15 0.00	28.86 3.24 0.00	22.39 2.84 0.00	26.09 3.57 0.00	29.69 3.79 0.00	31.94 4.43 0.00	38.06 5.17 -2.23	49.27 4.92 -16.14	38.51 5.15 -1.31	38.71 5.30 0.00	38.29 5.16 0.00	33.51 4.01 0.00	32.81 3.89 0.00	35.84 3.74 0.00	33.16 3.24 0.00	32.26 3.15 0.00	33.44 4.10 0.00	33.24 3.91 0.00	32.67 3.22 0.00
EAST_PULASKI___ESR 323781	29.80 -0.22 0.00	28.77 -0.34 0.00	23.23 -0.31 0.00	23.65 -0.37 0.00	22.86 -0.38 0.00	23.59 -0.35 0.00	25.25 -0.38 0.00	19.27 -0.27 0.00	22.18 -0.34 0.00	25.56 -0.34 0.00	27.22 -0.29 0.00	30.32 -0.35 0.00	27.91 -0.31 0.00	31.63 -0.43 0.00	32.97 -0.44 0.00	32.55 -0.59 0.00	29.13 -0.37 0.00	28.55 -0.37 0.00	31.84 -0.26 0.00	29.67 -0.24 0.00	28.92 -0.19 0.00	29.12 -0.22 0.00	29.16 -0.17 0.00	29.21 -0.24 0.00
EAST_RIVER___1 323558	31.83 1.81 0.00	30.83 1.72 0.00	24.92 1.38 0.00	25.35 1.34 0.00	24.45 1.21 0.00	25.20 1.27 0.00	26.97 1.34 0.00	20.90 1.36 0.00	24.09 1.57 0.00	27.69 1.80 0.00	29.62 2.11 0.00	33.04 2.37 0.00	30.39 2.17 0.00	34.31 2.26 0.00	35.68 2.27 0.00	35.20 2.06 0.00	31.27 1.76 0.00	30.57 1.65 0.00	33.44 1.34 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.91 1.57 0.00	30.98 1.66 0.00	30.74 1.29 0.00
EAST_RIVER___2 323559	31.88 1.86 0.00	30.85 1.74 0.00	24.93 1.39 0.00	25.36 1.34 0.00	24.47 1.23 0.00	25.22 1.28 0.00	26.99 1.37 0.00	20.95 1.40 0.00	24.13 1.61 0.00	27.74 1.84 0.00	29.63 2.12 0.00	33.08 2.41 0.00	30.45 2.24 0.00	34.38 2.33 0.00	35.75 2.34 0.00	35.29 2.16 0.00	31.35 1.84 0.00	30.65 1.73 0.00	33.49 1.40 0.00	31.26 1.35 0.00	30.55 1.43 0.00	30.96 1.61 0.00	31.04 1.71 0.00	30.78 1.33 0.00
EAST___DELAWARE_HYD 23607	31.01 1.00 0.00	29.99 0.88 0.00	24.22 0.68 0.00	24.64 0.63 0.00	23.80 0.56 0.00	24.51 0.57 0.00	26.24 0.61 0.00	20.25 0.70 0.00	23.36 0.84 0.00	26.91 1.01 0.00	28.62 1.10 0.00	31.96 1.29 0.00	29.40 1.18 0.00	33.22 1.17 0.00	33.92 0.51 0.00	33.51 0.38 0.00	29.85 0.35 0.00	29.35 0.43 0.00	32.33 0.24 0.00	30.28 0.37 0.00	30.17 1.06 0.00	30.38 1.04 0.00	30.35 1.03 0.00	30.15 0.70 0.00
EIGHT_POINT___WT_PWR 323820	31.34 1.33 0.00	30.04 0.92 0.00	24.12 0.58 0.00	24.41 0.39 0.00	23.58 0.34 0.00	24.49 0.55 0.00	26.30 0.67 0.00	20.14 0.60 0.00	23.33 0.80 0.00	27.02 1.12 0.00	28.80 1.29 0.00	32.22 1.55 0.00	29.60 1.39 0.00	33.72 1.67 0.00	35.38 1.97 0.00	35.17 2.04 0.00	31.33 1.83 0.00	30.74 1.82 0.00	34.53 2.44 0.00	32.16 2.25 0.00	31.21 2.10 0.00	31.37 2.03 0.00	31.40 2.08 0.00	31.40 1.95 0.00
ELBRIDGE_115KV_TB2 80188	29.94 -0.08 0.00	28.91 -0.20 0.00	23.35 -0.19 0.00	23.78 -0.23 0.00	22.98 -0.26 0.00	23.74 -0.20 0.00	25.39 -0.24 0.00	19.43 -0.12 0.00	22.41 -0.11 0.00	25.81 -0.09 0.00	27.46 -0.06 0.00	30.68 0.01 0.00	28.23 0.02 0.00	32.11 0.06 0.00	33.56 0.15 0.00	33.30 0.17 0.00	29.68 0.18 0.00	29.14 0.21 0.00	32.42 0.33 0.00	30.21 0.30 0.00	29.35 0.24 0.00	29.53 0.19 0.00	29.50 0.17 0.00	29.50 0.05 0.00
ELEC_TRO_TEK 24086	32.15 2.14 0.00	31.09 1.98 0.00	25.14 1.60 0.00	25.54 1.53 0.00	24.62 1.38 0.00	25.40 1.46 0.00	27.06 1.44 0.00	20.97 1.43 0.00	24.19 1.66 0.00	27.75 1.85 0.00	29.84 2.32 0.00	35.53 2.63 -2.23	46.76 2.41 -16.14	35.93 2.58 -1.31	35.91 2.50 0.00	35.45 2.32 0.00	31.18 1.68 0.00	30.50 1.58 0.00	33.38 1.28 0.00	31.10 1.19 0.00	30.46 1.35 0.00	30.94 1.59 0.00	31.08 1.76 0.00	30.76 1.31 0.00
ELLENBURG_WT_PWR 323604	30.32 0.31 0.00	29.51 0.40 0.00	23.87 0.33 0.00	24.34 0.32 0.00	23.57 0.33 0.00	24.24 0.30 0.00	25.94 0.31 0.00	19.65 0.10 0.00	22.64 0.12 0.00	25.98 0.08 0.00	27.51 0.00 0.00	30.58 -0.09 0.00	28.10 -0.12 0.00	32.01 -0.04 0.00	33.32 -0.09 0.00	32.99 -0.14 0.00	29.45 -0.05 0.00	29.00 0.08 0.00	32.23 0.14 0.00	29.99 0.07 0.00	29.20 0.09 0.00	29.43 0.09 0.00	29.41 0.08 0.00	29.76 0.31 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.03 1.01 0.00	29.58 0.47 0.00	23.77 0.23 0.00	23.95 -0.06 0.00	23.09 -0.15 0.00	24.10 0.16 0.00	25.93 0.30 0.00	19.78 0.23 0.00	22.91 0.39 0.00	26.60 0.70 0.00	28.34 0.82 0.00	31.77 1.10 0.00	29.29 1.08 0.00	33.42 1.37 0.00	35.23 1.81 0.00	35.27 2.14 0.00	31.46 1.95 0.00	30.75 1.83 0.00	34.48 2.39 0.00	31.93 2.02 0.00	30.85 1.74 0.00	30.90 1.56 0.00	31.16 1.83 0.00	31.35 1.90 0.00
EMPIRE_CC_1 323656	30.72 0.70 0.00	29.99 0.88 0.00	24.31 0.77 0.00	24.85 0.83 0.00	24.01 0.78 0.00	24.73 0.79 0.00	26.43 0.80 0.00	20.23 0.69 0.00	23.28 0.76 0.00	26.64 0.74 0.00	28.42 0.90 0.00	31.65 0.98 0.00	29.00 0.78 0.00	32.81 0.76 0.00	34.18 0.77 0.00	33.91 0.78 0.00	30.14 0.64 0.00	29.56 0.64 0.00	32.54 0.45 0.00	30.36 0.44 0.00	29.60 0.48 0.00	29.93 0.59 0.00	29.97 0.64 0.00	29.89 0.44 0.00
EMPIRE_CC_2 323658	30.72 0.70 0.00	29.99 0.88 0.00	24.31 0.77 0.00	24.85 0.83 0.00	24.01 0.78 0.00	24.73 0.79 0.00	26.43 0.80 0.00	20.23 0.69 0.00	23.28 0.76 0.00	26.64 0.74 0.00	28.42 0.90 0.00	31.65 0.98 0.00	29.00 0.78 0.00	32.81 0.76 0.00	34.18 0.77 0.00	33.91 0.78 0.00	30.14 0.64 0.00	29.56 0.64 0.00	32.54 0.45 0.00	30.36 0.44 0.00	29.60 0.48 0.00	29.93 0.59 0.00	29.97 0.64 0.00	29.89 0.44 0.00
ENORWICH_115KV_TB1 80156	32.27 2.25 0.00	31.09 1.98 0.00	25.05 1.51 0.00	25.49 1.48 0.00	24.66 1.42 0.00	25.51 1.58 0.00	27.34 1.71 0.00	20.92 1.38 0.00	24.26 1.74 0.00	27.86 1.97 0.00	29.58 2.07 0.00	33.00 2.33 0.00	30.35 2.14 0.00	34.48 2.43 0.00	36.11 2.70 0.00	35.44 2.31 0.00	31.74 2.24 0.00	31.29 2.37 0.00	35.13 3.04 0.00	32.97 3.05 0.00	32.10 2.99 0.00	32.22 2.88 0.00	32.08 2.76 0.00	31.99 2.54 0.00

ERIE_ST__34_KV_TB1-2 80199	31.26 1.24 0.00	29.80 0.69 0.00	23.91 0.37 0.00	24.11 0.10 0.00	23.24 0.00 0.00	24.25 0.31 0.00	26.08 0.45 0.00	19.93 0.38 0.00	23.11 0.59 0.00	26.85 0.95 0.00	28.65 1.13 0.00	32.18 1.51 0.00	29.66 1.44 0.00	33.89 1.84 0.00	35.72 2.31 0.00	35.75 2.61 0.00	31.90 2.40 0.00	31.19 2.27 0.00	34.97 2.88 0.00	32.38 2.47 0.00	31.24 2.13 0.00	31.28 1.94 0.00	31.48 2.15 0.00	31.61 2.17 0.00
ERIE_WT_PWR 323693	31.19 1.17 0.00	29.74 0.63 0.00	23.87 0.33 0.00	24.07 0.05 0.00	23.21 -0.03 0.00	24.21 0.27 0.00	26.03 0.41 0.00	19.88 0.33 0.00	23.02 0.50 0.00	26.73 0.84 0.00	28.49 0.98 0.00	31.97 1.30 0.00	29.47 1.26 0.00	33.63 1.58 0.00	35.46 2.04 0.00	35.48 2.35 0.00	31.65 2.15 0.00	30.96 2.04 0.00	34.71 2.61 0.00	32.15 2.23 0.00	31.06 1.94 0.00	31.11 1.77 0.00	31.35 2.02 0.00	31.52 2.07 0.00
ESPRGFLD_115KV_TB1 80157	32.19 2.18 0.00	31.02 1.91 0.00	25.00 1.46 0.00	25.43 1.42 0.00	24.59 1.35 0.00	25.38 1.44 0.00	27.19 1.56 0.00	20.73 1.18 0.00	23.90 1.38 0.00	27.67 1.77 0.00	29.31 1.80 0.00	32.69 2.02 0.00	30.07 1.86 0.00	34.21 2.16 0.00	35.81 2.40 0.00	35.54 2.41 0.00	31.63 2.13 0.00	31.00 2.08 0.00	34.61 2.51 0.00	32.41 2.50 0.00	31.55 2.43 0.00	31.71 2.37 0.00	31.70 2.37 0.00	31.85 2.40 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.76 0.75 0.00	29.67 0.56 0.00	23.94 0.40 0.00	24.37 0.36 0.00	23.55 0.31 0.00	24.34 0.40 0.00	26.06 0.43 0.00	19.96 0.41 0.00	23.05 0.52 0.00	26.52 0.62 0.00	28.17 0.65 0.00	31.45 0.78 0.00	28.91 0.70 0.00	32.88 0.83 0.00	34.38 0.97 0.00	34.03 0.90 0.00	30.35 0.85 0.00	29.86 0.94 0.00	33.35 1.25 0.00	31.15 1.24 0.00	30.28 1.17 0.00	30.47 1.13 0.00	30.40 1.08 0.00	30.36 0.91 0.00
ETNA____115KV_TB2 80207	30.76 0.75 0.00	29.67 0.56 0.00	23.94 0.40 0.00	24.37 0.36 0.00	23.55 0.31 0.00	24.34 0.40 0.00	26.06 0.43 0.00	19.96 0.41 0.00	23.05 0.52 0.00	26.52 0.62 0.00	28.17 0.65 0.00	31.45 0.78 0.00	28.91 0.70 0.00	32.88 0.83 0.00	34.38 0.97 0.00	34.03 0.90 0.00	30.35 0.85 0.00	29.86 0.94 0.00	33.35 1.25 0.00	31.15 1.24 0.00	30.28 1.17 0.00	30.47 1.13 0.00	30.40 1.08 0.00	30.36 0.91 0.00
EUCLID____115KV_TB2 356179	29.64 -0.38 0.00	28.63 -0.49 0.00	23.13 -0.41 0.00	23.55 -0.46 0.00	22.77 -0.47 0.00	23.51 -0.43 0.00	25.17 -0.45 0.00	19.27 -0.27 0.00	22.22 -0.30 0.00	25.59 -0.30 0.00	27.26 -0.26 0.00	30.45 -0.22 0.00	28.05 -0.17 0.00	31.88 -0.17 0.00	33.31 -0.10 0.00	33.03 -0.09 0.00	29.45 -0.06 0.00	28.88 -0.04 0.00	32.12 0.03 0.00	29.91 0.00 0.00	29.07 -0.05 0.00	29.24 -0.10 0.00	29.22 -0.11 0.00	29.23 -0.22 0.00
E_CANADA_CAP_HY 24051	32.72 2.70 0.00	31.52 2.41 0.00	25.43 1.89 0.00	25.86 1.85 0.00	25.02 1.78 0.00	25.82 1.87 0.00	27.66 2.03 0.00	21.04 1.50 0.00	24.23 1.71 0.00	28.03 2.13 0.00	29.60 2.08 0.00	32.99 2.32 0.00	30.25 2.04 0.00	34.43 2.37 0.00	36.11 2.70 0.00	35.97 2.84 0.00	31.98 2.47 0.00	31.36 2.44 0.00	35.06 2.96 0.00	32.86 2.94 0.00	32.02 2.90 0.00	32.20 2.86 0.00	32.19 2.87 0.00	32.40 2.95 0.00
E_CANADA_MHWK_HY 24050	29.78 -0.24 0.00	28.94 -0.16 0.00	23.40 -0.14 0.00	23.94 -0.08 0.00	23.13 -0.11 0.00	23.83 -0.11 0.00	25.46 -0.17 0.00	19.60 0.05 0.00	22.68 0.16 0.00	25.83 -0.07 0.00	27.64 0.13 0.00	30.88 0.21 0.00	28.26 0.04 0.00	32.04 -0.02 0.00	33.35 -0.06 0.00	32.87 -0.26 0.00	29.12 -0.39 0.00	28.73 -0.19 0.00	31.80 -0.29 0.00	29.71 -0.20 0.00	28.98 -0.13 0.00	29.40 0.06 0.00	29.33 0.00 0.00	29.03 -0.42 0.00
E_FISHKILL____LBMP 23776	31.38 1.36 0.00	30.45 1.35 0.00	24.64 1.10 0.00	25.09 1.08 0.00	24.22 0.98 0.00	24.96 1.02 0.00	26.69 1.07 0.00	20.62 1.08 0.00	23.77 1.24 0.00	27.28 1.39 0.00	29.15 1.64 0.00	32.51 1.84 0.00	29.89 1.68 0.00	33.79 1.74 0.00	35.18 1.76 0.00	34.79 1.66 0.00	30.90 1.39 0.00	30.23 1.31 0.00	33.19 1.09 0.00	30.94 1.03 0.00	30.22 1.11 0.00	30.56 1.22 0.00	30.61 1.28 0.00	30.41 0.97 0.00
FALCON____SEABRD_CC1 323796	30.70 0.68 0.00	29.87 0.77 0.00	24.16 0.62 0.00	24.64 0.63 0.00	23.84 0.60 0.00	24.51 0.57 0.00	26.23 0.60 0.00	19.88 0.34 0.00	22.92 0.40 0.00	26.26 0.36 0.00	27.84 0.32 0.00	30.96 0.29 0.00	28.40 0.18 0.00	32.36 0.31 0.00	33.70 0.29 0.00	33.46 0.33 0.00	29.89 0.39 0.00	29.42 0.50 0.00	32.66 0.57 0.00	30.36 0.45 0.00	29.58 0.46 0.00	29.80 0.46 0.00	29.78 0.45 0.00	30.10 0.65 0.00
FALCON____SEABRD_CC2 323797	30.70 0.68 0.00	29.87 0.77 0.00	24.16 0.62 0.00	24.64 0.63 0.00	23.84 0.60 0.00	24.51 0.57 0.00	26.23 0.60 0.00	19.88 0.34 0.00	22.92 0.40 0.00	26.26 0.36 0.00	27.84 0.32 0.00	30.96 0.29 0.00	28.40 0.18 0.00	32.36 0.31 0.00	33.70 0.29 0.00	33.46 0.33 0.00	29.89 0.39 0.00	29.42 0.50 0.00	32.66 0.57 0.00	30.36 0.45 0.00	29.58 0.46 0.00	29.80 0.46 0.00	29.78 0.45 0.00	30.10 0.65 0.00
FAR ROCKAWAY____4 23548	32.76 2.74 0.00	31.60 2.49 0.00	25.53 2.00 0.00	25.92 1.91 0.00	24.99 1.75 0.00	25.76 1.83 0.00	27.44 1.81 0.00	21.26 1.72 0.00	24.52 2.00 0.00	28.15 2.25 0.00	30.01 2.50 0.00	35.80 2.91 -2.23	47.06 2.70 -16.14	36.25 2.89 -1.31	36.21 2.79 0.00	35.65 2.52 0.00	31.30 1.79 0.00	30.61 1.68 0.00	33.50 1.40 0.00	31.21 1.29 0.00	30.57 1.45 0.00	31.06 1.72 0.00	31.24 1.92 0.00	30.90 1.46 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.85 1.84 0.00	30.85 1.75 0.00	24.94 1.40 0.00	25.37 1.36 0.00	24.47 1.23 0.00	25.21 1.27 0.00	26.99 1.36 0.00	20.91 1.37 0.00	24.10 1.58 0.00	27.71 1.81 0.00	29.63 2.11 0.00	33.05 2.38 0.00	30.42 2.20 0.00	34.33 2.28 0.00	35.69 2.28 0.00	35.21 2.08 0.00	31.28 1.78 0.00	30.60 1.67 0.00	33.47 1.37 0.00	31.23 1.32 0.00	30.54 1.42 0.00	30.94 1.60 0.00	31.01 1.69 0.00	30.78 1.33 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.89 1.87 0.00	30.88 1.77 0.00	24.96 1.42 0.00	25.39 1.38 0.00	24.49 1.25 0.00	25.23 1.30 0.00	27.01 1.38 0.00	20.92 1.38 0.00	24.12 1.59 0.00	27.72 1.82 0.00	29.65 2.13 0.00	33.07 2.40 0.00	30.44 2.22 0.00	34.35 2.30 0.00	35.72 2.30 0.00	35.23 2.10 0.00	31.31 1.81 0.00	30.61 1.69 0.00	33.49 1.39 0.00	31.25 1.34 0.00	30.56 1.45 0.00	30.97 1.62 0.00	31.04 1.71 0.00	30.81 1.36 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.83 1.81 0.00	30.84 1.73 0.00	24.93 1.39 0.00	25.35 1.34 0.00	24.45 1.21 0.00	25.20 1.26 0.00	26.97 1.34 0.00	20.90 1.36 0.00	24.09 1.57 0.00	27.69 1.79 0.00	29.61 2.09 0.00	33.04 2.37 0.00	30.39 2.18 0.00	34.31 2.26 0.00	35.67 2.25 0.00	35.18 2.05 0.00	31.26 1.76 0.00	30.57 1.65 0.00	33.44 1.34 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.91 1.57 0.00	30.99 1.66 0.00	30.75 1.30 0.00

FARRAGUT___LBMP 323566	31.80 1.78 0.00	30.81 1.70 0.00	24.91 1.37 0.00	25.33 1.32 0.00	24.43 1.19 0.00	25.18 1.24 0.00	26.94 1.32 0.00	20.88 1.34 0.00	24.06 1.55 0.00	27.66 1.76 0.00	29.58 2.07 0.00	33.00 2.33 0.00	30.36 2.15 0.00	34.27 2.22 0.00	35.62 2.21 0.00	35.15 2.02 0.00	31.23 1.73 0.00	30.54 1.62 0.00	33.40 1.31 0.00	31.17 1.26 0.00	30.48 1.36 0.00	30.88 1.54 0.00	30.96 1.63 0.00	30.72 1.27 0.00
FENNER___WINDPWR 24204	30.57 0.55 0.00	29.55 0.44 0.00	23.85 0.32 0.00	24.30 0.29 0.00	23.49 0.26 0.00	24.25 0.31 0.00	25.96 0.33 0.00	19.85 0.30 0.00	22.88 0.36 0.00	26.36 0.46 0.00	28.09 0.58 0.00	31.40 0.73 0.00	28.89 0.68 0.00	32.83 0.78 0.00	34.26 0.85 0.00	33.92 0.79 0.00	30.22 0.72 0.00	29.67 0.75 0.00	33.07 0.98 0.00	30.87 0.96 0.00	30.01 0.90 0.00	30.19 0.85 0.00	30.12 0.79 0.00	30.09 0.65 0.00
FIBERTEK___ENERGY 23856	29.97 -0.05 0.00	28.94 -0.17 0.00	23.38 -0.16 0.00	23.81 -0.21 0.00	23.01 -0.23 0.00	23.76 -0.18 0.00	25.43 -0.19 0.00	19.47 -0.08 0.00	22.46 -0.06 0.00	25.87 -0.03 0.00	27.56 0.05 0.00	30.81 0.14 0.00	28.36 0.14 0.00	32.25 0.20 0.00	33.70 0.29 0.00	33.40 0.27 0.00	29.76 0.26 0.00	29.21 0.29 0.00	32.50 0.41 0.00	30.27 0.36 0.00	29.41 0.30 0.00	29.58 0.24 0.00	29.54 0.22 0.00	29.54 0.09 0.00
FITZPATRICK____ 23598	29.16 -0.86 0.00	28.19 -0.91 0.00	22.78 -0.75 0.00	23.21 -0.81 0.00	22.44 -0.80 0.00	23.16 -0.78 0.00	24.79 -0.83 0.00	18.97 -0.58 0.00	21.85 -0.67 0.00	25.15 -0.75 0.00	26.77 -0.75 0.00	29.89 -0.78 0.00	27.52 -0.70 0.00	31.27 -0.78 0.00	32.65 -0.76 0.00	32.38 -0.75 0.00	28.85 -0.65 0.00	28.30 -0.62 0.00	31.46 -0.64 0.00	29.30 -0.61 0.00	28.49 -0.62 0.00	28.68 -0.67 0.00	28.67 -0.65 0.00	28.73 -0.72 0.00
FLOWRFLD_69_KV_BK1 356044	32.88 2.86 0.00	31.72 2.61 0.00	25.73 2.19 0.00	26.08 2.07 0.00	25.13 1.89 0.00	25.94 2.00 0.00	27.61 1.99 0.00	21.42 1.88 0.00	24.80 2.28 0.00	28.40 2.51 0.00	30.54 3.02 0.00	36.32 3.42 -2.23	47.56 3.21 -16.14	36.79 3.43 -1.31	36.57 3.16 0.00	36.26 3.13 0.00	31.69 2.18 0.00	30.91 1.99 0.00	33.77 1.67 0.00	31.40 1.48 0.00	30.81 1.70 0.00	31.32 1.98 0.00	31.55 2.22 0.00	31.17 1.73 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.83 1.82 0.00	30.85 1.75 0.00	24.94 1.40 0.00	25.39 1.38 0.00	24.51 1.27 0.00	25.26 1.32 0.00	27.03 1.40 0.00	20.88 1.33 0.00	24.08 1.56 0.00	27.68 1.78 0.00	29.60 2.08 0.00	33.03 2.36 0.00	30.41 2.20 0.00	34.41 2.36 0.00	35.90 2.48 0.00	35.49 2.36 0.00	31.50 1.99 0.00	30.84 1.92 0.00	33.92 1.82 0.00	31.62 1.71 0.00	30.85 1.74 0.00	31.15 1.81 0.00	31.15 1.83 0.00	30.93 1.49 0.00
FORT ORANGE____ 23900	30.65 0.63 0.00	29.94 0.83 0.00	24.27 0.73 0.00	24.78 0.77 0.00	23.96 0.72 0.00	24.68 0.74 0.00	26.36 0.74 0.00	20.28 0.74 0.00	23.32 0.80 0.00	26.73 0.83 0.00	28.50 0.99 0.00	31.73 1.06 0.00	29.10 0.88 0.00	32.95 0.90 0.00	34.36 0.94 0.00	34.06 0.93 0.00	30.28 0.77 0.00	29.74 0.81 0.00	32.81 0.71 0.00	30.61 0.70 0.00	29.83 0.72 0.00	29.90 0.56 0.00	29.91 0.59 0.00	29.81 0.37 0.00
FORT_DRUM_COGEN 23780	30.66 0.64 0.00	29.58 0.47 0.00	23.85 0.31 0.00	24.27 0.25 0.00	23.45 0.20 0.00	24.13 0.19 0.00	25.80 0.17 0.00	19.53 -0.01 0.00	22.39 -0.13 0.00	25.84 -0.06 0.00	27.52 0.01 0.00	30.38 -0.28 0.00	27.99 -0.22 0.00	31.65 -0.40 0.00	33.02 -0.39 0.00	32.46 -0.67 0.00	29.39 -0.11 0.00	28.74 -0.19 0.00	32.23 0.13 0.00	30.06 0.15 0.00	29.49 0.38 0.00	29.51 0.17 0.00	29.47 0.14 0.00	29.57 0.13 0.00
FPL_FAR_ROCK_GT1 24212	32.76 2.74 0.00	31.60 2.49 0.00	25.54 2.00 0.00	25.92 1.91 0.00	24.99 1.75 0.00	25.77 1.83 0.00	27.44 1.81 0.00	21.26 1.72 0.00	24.52 2.00 0.00	28.15 2.25 0.00	30.01 2.49 0.00	35.80 2.91 -2.23	47.05 2.70 -16.14	36.25 2.89 -1.31	36.20 2.79 0.00	35.66 2.53 0.00	31.30 1.79 0.00	30.60 1.68 0.00	33.50 1.40 0.00	31.21 1.29 0.00	30.57 1.45 0.00	31.06 1.72 0.00	31.24 1.92 0.00	30.91 1.46 0.00
FPL_FAR_ROCK_GT2 23815	32.76 2.74 0.00	31.60 2.49 0.00	25.54 2.00 0.00	25.92 1.91 0.00	24.99 1.75 0.00	25.77 1.83 0.00	27.44 1.81 0.00	21.26 1.72 0.00	24.52 2.00 0.00	28.15 2.25 0.00	30.01 2.49 0.00	35.80 2.91 -2.23	47.05 2.70 -16.14	36.25 2.89 -1.31	36.20 2.79 0.00	35.66 2.53 0.00	31.30 1.79 0.00	30.60 1.68 0.00	33.50 1.40 0.00	31.21 1.29 0.00	30.57 1.45 0.00	31.06 1.72 0.00	31.24 1.92 0.00	30.91 1.46 0.00
FRANKLIN_FALL_HYD 24054	30.48 0.47 0.00	29.64 0.53 0.00	23.96 0.42 0.00	24.42 0.40 0.00	23.62 0.38 0.00	24.25 0.31 0.00	25.95 0.32 0.00	19.63 0.08 0.00	22.63 0.10 0.00	26.03 0.13 0.00	27.59 0.08 0.00	30.62 -0.05 0.00	28.19 -0.03 0.00	32.10 0.05 0.00	33.45 0.03 0.00	33.04 -0.09 0.00	29.53 0.03 0.00	29.03 0.11 0.00	32.29 0.19 0.00	30.06 0.15 0.00	29.27 0.16 0.00	29.50 0.16 0.00	29.53 0.20 0.00	29.96 0.51 0.00
FREEPORT_EQUS_GT1 23764	32.48 2.46 0.00	31.35 2.25 0.00	25.35 1.81 0.00	25.73 1.72 0.00	24.81 1.57 0.00	25.59 1.65 0.00	27.25 1.63 0.00	21.13 1.59 0.00	24.38 1.86 0.00	27.96 2.06 0.00	30.12 2.61 0.00	35.88 2.98 -2.23	47.10 2.74 -16.14	36.17 2.81 -1.31	36.20 2.79 0.00	35.72 2.58 0.00	31.34 1.84 0.00	30.65 1.73 0.00	33.53 1.43 0.00	31.23 1.32 0.00	30.60 1.48 0.00	31.19 1.85 0.00	31.35 2.02 0.00	30.99 1.54 0.00
FREEPORT___CT2 23818	32.48 2.46 0.00	31.35 2.25 0.00	25.35 1.81 0.00	25.73 1.72 0.00	24.81 1.57 0.00	25.59 1.65 0.00	27.25 1.63 0.00	21.13 1.59 0.00	24.38 1.86 0.00	27.96 2.06 0.00	30.12 2.61 0.00	35.88 2.98 -2.23	47.10 2.74 -16.14	36.17 2.81 -1.31	36.20 2.79 0.00	35.72 2.58 0.00	31.34 1.84 0.00	30.65 1.73 0.00	33.53 1.43 0.00	31.23 1.32 0.00	30.60 1.48 0.00	31.19 1.85 0.00	31.35 2.02 0.00	30.99 1.54 0.00
FRESHKLS_33_KV_LOAD 356253	31.92 1.90 -0.01	31.02 1.90 -0.01	25.08 1.55 0.00	25.48 1.47 0.00	24.56 1.32 0.00	25.31 1.37 0.00	27.08 1.46 0.00	20.97 1.43 0.00	24.16 1.64 0.00	27.76 1.86 0.00	29.60 2.08 0.00	32.94 2.27 0.00	30.46 2.24 -0.01	33.89 2.14 0.30	34.55 2.14 1.00	34.32 1.93 0.74	31.34 1.84 0.00	30.51 1.59 0.00	32.56 1.13 0.66	31.21 1.30 0.00	30.29 1.43 0.25	30.91 1.57 0.00	30.90 1.57 0.00	30.61 1.25 0.08
FULTON COGEN____ 23766	29.55 -0.46 0.00	28.54 -0.57 0.00	23.07 -0.47 0.00	23.49 -0.53 0.00	22.71 -0.53 0.00	23.45 -0.49 0.00	25.10 -0.53 0.00	19.21 -0.33 0.00	22.14 -0.38 0.00	25.49 -0.41 0.00	27.16 -0.35 0.00	30.34 -0.33 0.00	27.94 -0.27 0.00	31.74 -0.31 0.00	33.13 -0.29 0.00	32.81 -0.32 0.00	29.25 -0.26 0.00	28.68 -0.24 0.00	31.90 -0.20 0.00	29.73 -0.18 0.00	28.91 -0.21 0.00	29.10 -0.25 0.00	29.10 -0.23 0.00	29.11 -0.34 0.00

FULTON___LFGE 323630	33.31 3.30 0.00	32.11 3.00 0.00	25.85 2.31 0.00	26.29 2.28 0.00	25.44 2.20 0.00	26.26 2.32 0.00	28.09 2.46 0.00	21.38 1.84 0.00	24.69 2.17 0.00	28.30 2.40 0.00	29.94 2.42 0.00	33.33 2.66 0.00	30.61 2.39 0.00	34.73 2.68 0.00	38.01 4.60 0.00	36.13 3.00 0.00	31.72 2.22 0.00	31.59 2.67 0.00	35.51 3.42 0.00	33.43 3.51 0.00	32.55 3.43 0.00	32.68 3.34 0.00	32.57 3.24 0.00	32.56 3.12 0.00
G.F.CEMENT___DRP 24184	31.89 1.87 0.00	30.89 1.78 0.00	24.99 1.45 0.00	25.44 1.43 0.00	24.61 1.38 0.00	25.34 1.40 0.00	27.10 1.48 0.00	20.80 1.25 0.00	24.03 1.51 0.00	27.52 1.62 0.00	29.30 1.78 0.00	32.62 1.95 0.00	29.84 1.62 0.00	33.86 1.81 0.00	35.40 1.99 0.00	34.99 1.86 0.00	31.24 1.74 0.00	30.85 1.92 0.00	34.30 2.21 0.00	31.82 1.91 0.00	30.92 1.81 0.00	31.28 1.94 0.00	31.20 1.88 0.00	31.05 1.60 0.00
GARDENVILLE___LBMP 24039	31.09 1.07 0.00	29.65 0.54 0.00	23.82 0.28 0.00	24.01 0.00 0.00	23.15 -0.09 0.00	24.15 0.21 0.00	25.97 0.34 0.00	19.83 0.28 0.00	22.97 0.45 0.00	26.66 0.76 0.00	28.41 0.89 0.00	31.86 1.19 0.00	29.36 1.15 0.00	33.52 1.47 0.00	35.32 1.91 0.00	35.36 2.23 0.00	31.53 2.03 0.00	30.83 1.91 0.00	34.57 2.48 0.00	32.02 2.11 0.00	30.94 1.83 0.00	30.99 1.65 0.00	31.23 1.91 0.00	31.41 1.96 0.00
GARDNVLA_35_KV_LD 355827	31.21 1.20 0.00	29.75 0.64 0.00	23.89 0.35 0.00	24.09 0.07 0.00	23.22 -0.02 0.00	24.23 0.29 0.00	26.06 0.43 0.00	19.90 0.35 0.00	23.05 0.53 0.00	26.76 0.87 0.00	28.54 1.03 0.00	32.03 1.37 0.00	29.55 1.34 0.00	33.74 1.68 0.00	35.55 2.14 0.00	35.60 2.47 0.00	31.76 2.26 0.00	31.06 2.13 0.00	34.83 2.73 0.00	32.24 2.33 0.00	31.13 2.02 0.00	31.18 1.84 0.00	31.41 2.09 0.00	31.58 2.14 0.00
GELCKHM___115KV_LOAD 80723	29.77 -0.25 0.00	28.74 -0.37 0.00	23.23 -0.31 0.00	23.65 -0.36 0.00	22.87 -0.38 0.00	23.61 -0.33 0.00	25.27 -0.35 0.00	19.35 -0.20 0.00	22.31 -0.21 0.00	25.70 -0.19 0.00	27.37 -0.15 0.00	30.58 -0.09 0.00	28.16 -0.06 0.00	32.01 -0.04 0.00	33.45 0.04 0.00	33.16 0.03 0.00	29.56 0.06 0.00	29.00 0.08 0.00	32.26 0.16 0.00	30.04 0.13 0.00	29.19 0.07 0.00	29.37 0.03 0.00	29.34 0.01 0.00	29.35 -0.10 0.00
GENERAL___MILLS 23808	31.16 1.14 0.00	29.71 0.60 0.00	23.86 0.32 0.00	24.05 0.04 0.00	23.19 -0.05 0.00	24.19 0.25 0.00	26.01 0.39 0.00	19.86 0.31 0.00	23.01 0.49 0.00	26.71 0.81 0.00	28.48 0.96 0.00	31.95 1.27 0.00	29.46 1.24 0.00	33.62 1.57 0.00	35.43 2.02 0.00	35.47 2.34 0.00	31.64 2.14 0.00	30.94 2.01 0.00	34.69 2.59 0.00	32.12 2.21 0.00	31.03 1.92 0.00	31.08 1.74 0.00	31.32 2.00 0.00	31.49 2.05 0.00
GE_PLASTICS___DRP 24183	30.51 0.49 0.00	29.86 0.75 0.00	24.21 0.67 0.00	24.73 0.72 0.00	23.91 0.67 0.00	24.62 0.69 0.00	26.31 0.68 0.00	20.22 0.67 0.00	23.26 0.73 0.00	26.65 0.76 0.00	28.42 0.91 0.00	31.66 0.99 0.00	29.06 0.85 0.00	32.90 0.85 0.00	34.28 0.87 0.00	33.99 0.86 0.00	30.21 0.71 0.00	29.62 0.70 0.00	32.68 0.58 0.00	30.49 0.57 0.00	29.70 0.59 0.00	30.03 0.69 0.00	30.04 0.71 0.00	29.95 0.50 0.00
GILBOA___1 23756	30.89 0.88 0.00	30.00 0.89 0.00	24.28 0.74 0.00	24.85 0.84 0.00	24.01 0.77 0.00	24.74 0.80 0.00	26.36 0.74 0.00	20.20 0.65 0.00	23.27 0.75 0.00	26.71 0.81 0.00	28.47 0.96 0.00	31.75 1.08 0.00	29.17 0.95 0.00	33.03 0.98 0.00	34.40 0.99 0.00	34.06 0.93 0.00	30.22 0.72 0.00	29.56 0.64 0.00	32.68 0.59 0.00	30.54 0.63 0.00	29.78 0.67 0.00	30.06 0.72 0.00	30.10 0.77 0.00	30.03 0.58 0.00
GILBOA___2 23757	30.89 0.88 0.00	30.00 0.89 0.00	24.28 0.74 0.00	24.85 0.84 0.00	24.01 0.77 0.00	24.74 0.80 0.00	26.36 0.74 0.00	20.20 0.65 0.00	23.27 0.75 0.00	26.71 0.81 0.00	28.47 0.96 0.00	31.75 1.08 0.00	29.17 0.95 0.00	33.03 0.98 0.00	34.40 0.99 0.00	34.06 0.93 0.00	30.22 0.72 0.00	29.56 0.64 0.00	32.68 0.59 0.00	30.54 0.63 0.00	29.78 0.67 0.00	30.06 0.72 0.00	30.10 0.77 0.00	30.03 0.58 0.00
GILBOA___3 23758	30.89 0.88 0.00	30.00 0.89 0.00	24.28 0.74 0.00	24.85 0.84 0.00	24.01 0.77 0.00	24.74 0.80 0.00	26.36 0.74 0.00	20.20 0.65 0.00	23.27 0.75 0.00	26.71 0.81 0.00	28.47 0.96 0.00	31.75 1.08 0.00	29.17 0.95 0.00	33.03 0.98 0.00	34.40 0.99 0.00	34.06 0.93 0.00	30.22 0.72 0.00	29.56 0.64 0.00	32.68 0.59 0.00	30.54 0.63 0.00	29.78 0.67 0.00	30.06 0.72 0.00	30.10 0.77 0.00	30.03 0.58 0.00
GILBOA___4 23759	30.89 0.88 0.00	30.00 0.89 0.00	24.28 0.74 0.00	24.85 0.84 0.00	24.01 0.77 0.00	24.74 0.80 0.00	26.36 0.74 0.00	20.20 0.65 0.00	23.27 0.75 0.00	26.71 0.81 0.00	28.47 0.96 0.00	31.75 1.08 0.00	29.17 0.95 0.00	33.03 0.98 0.00	34.40 0.99 0.00	34.06 0.93 0.00	30.22 0.72 0.00	29.56 0.64 0.00	32.68 0.59 0.00	30.54 0.63 0.00	29.78 0.67 0.00	30.06 0.72 0.00	30.10 0.77 0.00	30.03 0.58 0.00
GILBOA___ 23599	30.89 0.88 0.00	30.00 0.89 0.00	24.28 0.74 0.00	24.85 0.84 0.00	24.01 0.77 0.00	24.74 0.80 0.00	26.36 0.74 0.00	20.20 0.66 0.00	23.27 0.75 0.00	26.71 0.81 0.00	28.47 0.96 0.00	31.75 1.08 0.00	29.17 0.95 0.00	33.03 0.98 0.00	34.40 0.99 0.00	34.06 0.93 0.00	30.22 0.72 0.00	29.56 0.64 0.00	32.68 0.59 0.00	30.54 0.63 0.00	29.78 0.67 0.00	30.07 0.73 0.00	30.10 0.78 0.00	30.03 0.58 0.00
GINNA___ 23603	29.13 -0.89 0.00	27.93 -1.18 0.00	22.51 -1.04 0.00	22.79 -1.22 0.00	21.99 -1.25 0.00	22.81 -1.13 0.00	24.48 -1.15 0.00	18.70 -0.85 0.00	21.64 -0.88 0.00	25.06 -0.84 0.00	26.76 -0.75 0.00	29.96 -0.71 0.00	27.68 -0.54 0.00	31.55 -0.50 0.00	33.12 -0.30 0.00	33.07 -0.06 0.00	29.55 0.04 0.00	29.00 0.07 0.00	32.38 0.28 0.00	30.08 0.17 0.00	29.10 -0.01 0.00	29.16 -0.18 0.00	29.18 -0.14 0.00	29.24 -0.21 0.00
GLEN PARK___ 23778	30.78 0.76 0.00	29.68 0.57 0.00	23.92 0.38 0.00	24.32 0.31 0.00	23.50 0.26 0.00	24.20 0.26 0.00	25.88 0.25 0.00	19.58 0.03 0.00	22.43 -0.09 0.00	25.90 0.00 0.00	27.63 0.11 0.00	30.44 -0.23 0.00	28.05 -0.17 0.00	31.71 -0.34 0.00	33.12 -0.29 0.00	32.52 -0.61 0.00	29.52 0.02 0.00	28.84 -0.08 0.00	32.36 0.26 0.00	30.21 0.30 0.00	29.71 0.60 0.00	29.73 0.39 0.00	29.66 0.33 0.00	29.73 0.28 0.00
GLENDALE_27_KV_LOAD 356172	31.98 1.97 0.00	30.97 1.86 0.00	25.06 1.52 0.00	25.48 1.47 0.00	24.58 1.35 0.00	25.33 1.39 0.00	27.10 1.48 0.00	21.01 1.46 0.00	24.22 1.70 0.00	27.84 1.94 0.00	29.78 2.26 0.00	33.20 2.53 0.00	30.57 2.36 0.00	34.43 2.38 0.00	35.82 2.41 0.00	35.35 2.22 0.00	31.45 1.95 0.00	30.75 1.83 0.00	33.58 1.48 0.00	31.40 1.49 0.00	30.71 1.60 0.00	31.10 1.76 0.00	31.16 1.83 0.00	30.94 1.49 0.00

GLENWOOD_IC_1_G5 23712	32.04 2.02 0.00	31.09 1.98 0.00	25.13 1.59 0.00	25.54 1.53 0.00	24.63 1.39 0.00	25.40 1.46 0.00	27.11 1.49 0.00	21.01 1.46 0.00	24.22 1.70 0.00	27.81 1.91 0.00	29.70 2.18 0.00	35.39 2.49 -2.23	46.65 2.30 -16.14	35.78 2.42 -1.31	35.82 2.40 0.00	35.39 2.26 0.00	31.23 1.72 0.00	30.54 1.61 0.00	33.44 1.34 0.00	31.15 1.24 0.00	30.47 1.35 0.00	30.88 1.54 0.00	30.94 1.62 0.00	30.66 1.21 0.00
GLENWOOD_IC_2_G1 23688	31.92 1.90 0.00	30.91 1.80 0.00	24.99 1.45 0.00	25.41 1.40 0.00	24.52 1.28 0.00	25.28 1.34 0.00	27.00 1.38 0.00	20.90 1.36 0.00	24.10 1.58 0.00	27.68 1.78 0.00	29.67 2.15 0.00	35.34 2.44 -2.23	46.59 2.23 -16.14	35.72 2.36 -1.31	35.77 2.35 0.00	35.32 2.19 0.00	31.24 1.74 0.00	30.55 1.63 0.00	33.47 1.37 0.00	31.20 1.29 0.00	30.51 1.40 0.00	30.92 1.58 0.00	30.99 1.66 0.00	30.72 1.27 0.00
GLENWOOD_IC_3_G1 23689	31.92 1.90 0.00	30.91 1.80 0.00	24.99 1.45 0.00	25.41 1.40 0.00	24.52 1.28 0.00	25.28 1.34 0.00	27.00 1.38 0.00	20.90 1.36 0.00	24.10 1.58 0.00	27.68 1.78 0.00	29.67 2.15 0.00	35.34 2.44 -2.23	46.59 2.23 -16.14	35.72 2.36 -1.31	35.77 2.35 0.00	35.32 2.19 0.00	31.24 1.74 0.00	30.55 1.63 0.00	33.47 1.37 0.00	31.20 1.29 0.00	30.51 1.40 0.00	30.92 1.58 0.00	30.99 1.66 0.00	30.72 1.27 0.00
GLENWOOD___4 23550	32.07 2.06 0.00	31.09 1.98 0.00	25.13 1.59 0.00	25.54 1.53 0.00	24.63 1.39 0.00	25.40 1.46 0.00	27.11 1.49 0.00	21.01 1.46 0.00	24.22 1.70 0.00	27.81 1.92 0.00	29.77 2.25 0.00	35.47 2.57 -2.23	46.72 2.36 -16.14	35.86 2.50 -1.31	35.91 2.50 0.00	35.46 2.33 0.00	31.30 1.80 0.00	30.62 1.69 0.00	33.52 1.42 0.00	31.23 1.31 0.00	30.55 1.44 0.00	30.96 1.62 0.00	31.03 1.70 0.00	30.74 1.29 0.00
GLENWOOD___5 23614	32.07 2.06 0.00	31.09 1.98 0.00	25.13 1.59 0.00	25.54 1.53 0.00	24.63 1.39 0.00	25.40 1.46 0.00	27.11 1.49 0.00	21.01 1.46 0.00	24.22 1.70 0.00	27.81 1.92 0.00	29.77 2.25 0.00	35.47 2.57 -2.23	46.72 2.36 -16.14	35.86 2.50 -1.31	35.91 2.50 0.00	35.46 2.33 0.00	31.30 1.80 0.00	30.62 1.69 0.00	33.52 1.42 0.00	31.23 1.31 0.00	30.55 1.44 0.00	30.96 1.62 0.00	31.03 1.70 0.00	30.74 1.29 0.00
GLOBAL GREEN_PORT_GT1 23814	34.00 3.98 0.00	33.07 3.96 0.00	26.85 3.31 0.00	27.18 3.17 0.00	26.19 2.95 0.00	27.01 3.07 0.00	28.77 3.14 0.00	22.32 2.78 0.00	26.00 3.48 0.00	29.33 3.43 0.00	31.46 3.94 0.00	37.50 4.60 -2.23	48.74 4.39 -16.14	37.97 4.61 -1.31	38.13 4.72 0.00	37.72 4.59 0.00	33.01 3.51 0.00	32.31 3.39 0.00	35.28 3.18 0.00	32.66 2.74 0.00	31.83 2.72 0.00	33.56 4.22 0.00	33.13 3.80 0.00	32.55 3.10 0.00
GLOBE___DSASP 323697	30.49 0.48 0.00	29.05 -0.06 0.00	23.37 -0.17 0.00	23.52 -0.50 0.00	22.66 -0.58 0.00	23.67 -0.26 0.00	25.46 -0.17 0.00	19.39 -0.16 0.00	22.45 -0.07 0.00	26.05 0.16 0.00	27.74 0.23 0.00	30.91 0.24 0.00	28.53 0.31 0.00	32.53 0.48 0.00	34.27 0.86 0.00	34.31 1.18 0.00	30.51 1.01 0.00	29.81 0.88 0.00	33.40 1.30 0.00	30.93 1.02 0.00	29.93 0.81 0.00	29.94 0.60 0.00	30.39 1.06 0.00	30.69 1.24 0.00
GOETHSLN___LBMP 323567	31.64 1.63 0.00	30.66 1.55 0.00	24.77 1.23 0.00	25.18 1.17 0.00	24.28 1.04 0.00	25.02 1.09 0.00	26.79 1.16 0.00	20.75 1.20 0.00	23.91 1.39 0.00	26.44 1.59 1.05	28.59 1.89 0.82	32.81 2.14 0.00	30.20 1.99 0.00	33.77 2.02 0.30	34.40 1.99 1.00	34.15 1.76 0.74	31.03 1.53 0.00	30.33 1.41 0.00	32.50 1.07 0.66	30.94 1.03 0.00	30.01 1.15 0.25	30.67 1.33 0.00	30.76 1.44 0.00	30.43 1.07 0.08
GOLAH___69_KV_TB 1_2 80279	31.03 1.01 0.00	29.59 0.48 0.00	23.84 0.30 0.00	24.09 0.07 0.00	23.23 -0.01 0.00	24.15 0.21 0.00	25.92 0.30 0.00	19.84 0.29 0.00	22.89 0.37 0.00	26.50 0.60 0.00	28.28 0.77 0.00	31.72 1.05 0.00	29.30 1.09 0.00	33.43 1.38 0.00	35.17 1.75 0.00	35.11 1.98 0.00	31.48 1.97 0.00	30.80 1.88 0.00	34.45 2.35 0.00	32.06 2.14 0.00	30.99 1.88 0.00	30.98 1.64 0.00	31.13 1.80 0.00	31.31 1.86 0.00
GOODYEAR_LAKE_HYD 323669	31.47 1.45 0.00	30.40 1.29 0.00	24.53 0.99 0.00	24.99 0.98 0.00	24.16 0.92 0.00	24.92 0.98 0.00	26.67 1.04 0.00	20.41 0.87 0.00	23.56 1.04 0.00	27.19 1.29 0.00	28.93 1.41 0.00	32.29 1.62 0.00	29.70 1.48 0.00	33.73 1.68 0.00	35.23 1.82 0.00	34.88 1.75 0.00	31.04 1.54 0.00	30.42 1.50 0.00	33.81 1.71 0.00	31.61 1.69 0.00	30.75 1.64 0.00	30.96 1.62 0.00	30.94 1.62 0.00	30.96 1.51 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.51 0.49 0.00	29.45 0.34 0.00	23.72 0.18 0.00	24.15 0.14 0.00	23.35 0.11 0.00	24.14 0.20 0.00	25.87 0.24 0.00	19.84 0.29 0.00	22.92 0.39 0.00	26.41 0.52 0.00	28.10 0.58 0.00	31.39 0.72 0.00	28.83 0.61 0.00	32.79 0.74 0.00	34.31 0.89 0.00	34.00 0.87 0.00	30.27 0.76 0.00	29.67 0.75 0.00	33.05 0.96 0.00	30.80 0.89 0.00	29.91 0.79 0.00	30.14 0.80 0.00	30.15 0.82 0.00	30.13 0.68 0.00
GOUDEY___7 23579	30.54 0.52 0.00	29.47 0.36 0.00	23.74 0.20 0.00	24.18 0.16 0.00	23.37 0.13 0.00	24.16 0.22 0.00	25.88 0.26 0.00	19.86 0.31 0.00	22.94 0.42 0.00	26.44 0.54 0.00	28.12 0.61 0.00	31.42 0.75 0.00	28.85 0.64 0.00	32.83 0.78 0.00	34.35 0.94 0.00	34.04 0.90 0.00	30.30 0.80 0.00	29.71 0.78 0.00	33.09 1.00 0.00	30.83 0.92 0.00	29.95 0.83 0.00	30.17 0.83 0.00	30.18 0.85 0.00	30.16 0.71 0.00
GOUDEY___8 23580	30.51 0.49 0.00	29.45 0.34 0.00	23.72 0.18 0.00	24.15 0.14 0.00	23.35 0.11 0.00	24.14 0.20 0.00	25.87 0.24 0.00	19.84 0.29 0.00	22.92 0.39 0.00	26.41 0.52 0.00	28.10 0.58 0.00	31.39 0.72 0.00	28.83 0.61 0.00	32.79 0.74 0.00	34.31 0.89 0.00	34.00 0.87 0.00	30.27 0.76 0.00	29.67 0.75 0.00	33.05 0.96 0.00	30.80 0.89 0.00	29.91 0.79 0.00	30.14 0.80 0.00	30.15 0.82 0.00	30.13 0.68 0.00
GOWANUS_GT1_1 24077	31.98 1.96 -0.01	31.00 1.88 -0.01	25.06 1.52 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.21 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.05 1.70 0.00	31.09 1.77 0.00	30.88 1.44 0.00
GOWANUS_GT1_2 24078	31.98 1.96 -0.01	31.00 1.88 -0.01	25.06 1.52 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.21 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.05 1.70 0.00	31.09 1.77 0.00	30.88 1.44 0.00

GOWANUS_GT1_3 24079	31.98 1.96 -0.01	31.00 1.88 -0.01	25.06 1.52 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.21 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.05 1.70 0.00	31.09 1.77 0.00	30.88 1.44 0.00
GOWANUS_GT1_4 24080	31.98 1.96 -0.01	31.00 1.88 -0.01	25.06 1.52 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.21 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.05 1.70 0.00	31.09 1.77 0.00	30.88 1.44 0.00
GOWANUS_GT1_5 24084	31.98 1.96 -0.01	31.00 1.88 -0.01	25.06 1.52 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.21 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.05 1.70 0.00	31.09 1.77 0.00	30.88 1.44 0.00
GOWANUS_GT1_6 24111	31.98 1.96 -0.01	31.00 1.88 -0.01	25.06 1.52 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.21 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.05 1.70 0.00	31.09 1.77 0.00	30.88 1.44 0.00
GOWANUS_GT1_7 24112	31.98 1.96 -0.01	31.00 1.88 -0.01	25.06 1.52 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.21 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.05 1.70 0.00	31.09 1.77 0.00	30.88 1.44 0.00
GOWANUS_GT1_8 24113	31.98 1.96 -0.01	31.00 1.88 -0.01	25.06 1.52 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.21 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.05 1.70 0.00	31.09 1.77 0.00	30.88 1.44 0.00
GOWANUS_GT2_1 24114	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
GOWANUS_GT2_2 24115	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
GOWANUS_GT2_3 24116	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
GOWANUS_GT2_4 24117	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
GOWANUS_GT2_5 24118	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
GOWANUS_GT2_6 24119	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
GOWANUS_GT2_7 24120	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
GOWANUS_GT2_8 24121	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
GOWANUS_GT3_1 24122	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00

GOWANUS_GT3_2 24123	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
GOWANUS_GT3_3 24124	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
GOWANUS_GT3_4 24125	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
GOWANUS_GT3_5 24126	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
GOWANUS_GT3_6 24127	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
GOWANUS_GT3_7 24128	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
GOWANUS_GT3_8 24129	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
GOWANUS_GT4_1 24130	31.98 1.96 -0.01	31.00 1.88 -0.01	25.06 1.52 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.21 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.05 1.70 0.00	31.09 1.77 0.00	30.88 1.44 0.00
GOWANUS_GT4_2 24131	31.98 1.96 -0.01	31.00 1.88 -0.01	25.06 1.52 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.21 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.05 1.70 0.00	31.09 1.77 0.00	30.88 1.44 0.00
GOWANUS_GT4_3 24132	31.98 1.96 -0.01	31.00 1.88 -0.01	25.06 1.52 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.21 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.05 1.70 0.00	31.09 1.77 0.00	30.88 1.44 0.00
GOWANUS_GT4_4 24133	31.98 1.96 -0.01	31.00 1.88 -0.01	25.06 1.52 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.21 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.05 1.70 0.00	31.09 1.77 0.00	30.88 1.44 0.00
GOWANUS_GT4_5 24134	31.98 1.96 -0.01	31.00 1.88 -0.01	25.06 1.52 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.21 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.05 1.70 0.00	31.09 1.77 0.00	30.88 1.44 0.00
GOWANUS_GT4_6 24135	31.98 1.96 -0.01	31.00 1.88 -0.01	25.06 1.52 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.21 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.05 1.70 0.00	31.09 1.77 0.00	30.88 1.44 0.00
GOWANUS_GT4_7 24136	31.98 1.96 -0.01	31.00 1.88 -0.01	25.06 1.52 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.21 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.05 1.70 0.00	31.09 1.77 0.00	30.88 1.44 0.00
GOWANUS_GT4_8 24137	31.98 1.96 -0.01	31.00 1.88 -0.01	25.06 1.52 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.21 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.05 1.70 0.00	31.09 1.77 0.00	30.88 1.44 0.00

GREENBSH_115KV_TB3 55895	30.48 0.46 0.00	29.76 0.65 0.00	24.12 0.58 0.00	24.64 0.63 0.00	23.82 0.58 0.00	24.54 0.59 0.00	26.21 0.58 0.00	20.16 0.62 0.00	23.18 0.66 0.00	26.55 0.65 0.00	28.32 0.81 0.00	31.55 0.88 0.00	28.95 0.73 0.00	32.77 0.72 0.00	34.15 0.74 0.00	33.86 0.73 0.00	30.10 0.60 0.00	29.54 0.62 0.00	32.56 0.47 0.00	30.37 0.45 0.00	29.58 0.47 0.00	29.85 0.51 0.00	29.86 0.53 0.00	29.76 0.31 0.00
GREENDGE_115KV_TB5 80291	30.61 0.59 0.00	29.44 0.32 0.00	23.84 0.30 0.00	24.18 0.17 0.00	23.35 0.11 0.00	24.20 0.26 0.00	25.97 0.34 0.00	19.90 0.35 0.00	23.03 0.50 0.00	26.54 0.64 0.00	28.19 0.68 0.00	31.45 0.78 0.00	28.93 0.72 0.00	32.99 0.93 0.00	34.63 1.22 0.00	34.35 1.22 0.00	30.64 1.13 0.00	30.14 1.22 0.00	33.78 1.69 0.00	31.48 1.57 0.00	30.51 1.39 0.00	30.64 1.30 0.00	30.59 1.26 0.00	30.55 1.10 0.00
GREENIDGE___3 23582	30.61 0.59 0.00	29.44 0.32 0.00	23.84 0.30 0.00	24.18 0.17 0.00	23.35 0.11 0.00	24.20 0.26 0.00	25.97 0.34 0.00	19.90 0.35 0.00	23.03 0.50 0.00	26.54 0.64 0.00	28.19 0.68 0.00	31.45 0.78 0.00	28.93 0.72 0.00	32.99 0.93 0.00	34.63 1.22 0.00	34.35 1.22 0.00	30.64 1.13 0.00	30.14 1.22 0.00	33.78 1.69 0.00	31.48 1.57 0.00	30.51 1.39 0.00	30.64 1.30 0.00	30.59 1.26 0.00	30.55 1.10 0.00
GREENIDGE___4 23583	30.62 0.60 0.00	29.45 0.33 0.00	23.84 0.30 0.00	24.18 0.16 0.00	23.35 0.11 0.00	24.20 0.26 0.00	25.97 0.34 0.00	19.90 0.35 0.00	23.03 0.50 0.00	26.55 0.65 0.00	28.20 0.68 0.00	31.45 0.77 0.00	28.93 0.72 0.00	32.99 0.93 0.00	34.63 1.22 0.00	34.35 1.22 0.00	30.64 1.13 0.00	30.15 1.22 0.00	33.78 1.69 0.00	31.48 1.57 0.00	30.51 1.39 0.00	30.65 1.31 0.00	30.59 1.26 0.00	30.55 1.10 0.00
GREENLWN_69_KV_BK 3 55738	32.17 2.16 0.00	31.10 1.99 0.00	25.16 1.62 0.00	25.56 1.55 0.00	24.65 1.41 0.00	25.43 1.50 0.00	27.08 1.45 0.00	21.00 1.45 0.00	24.26 1.74 0.00	27.80 1.90 0.00	29.96 2.44 0.00	35.65 2.76 -2.23	46.92 2.57 -16.14	36.14 2.78 -1.31	35.99 2.58 0.00	35.61 2.48 0.00	31.14 1.63 0.00	30.43 1.51 0.00	33.26 1.16 0.00	30.91 0.99 0.00	30.25 1.14 0.00	30.71 1.37 0.00	30.94 1.61 0.00	30.61 1.16 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.98 1.96 -0.01	31.00 1.88 -0.01	25.06 1.52 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.21 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.05 1.70 0.00	31.09 1.77 0.00	30.88 1.44 0.00
GRISSOM___SOLAR 323813	33.31 3.30 0.00	32.11 3.00 0.00	25.85 2.31 0.00	26.29 2.28 0.00	25.44 2.20 0.00	26.26 2.32 0.00	28.09 2.46 0.00	21.38 1.84 0.00	24.69 2.17 0.00	28.30 2.40 0.00	29.94 2.42 0.00	33.33 2.66 0.00	30.61 2.39 0.00	34.73 2.68 0.00	38.01 4.60 0.00	36.13 3.00 0.00	31.72 2.22 0.00	31.59 2.67 0.00	35.51 3.42 0.00	33.43 3.51 0.00	32.55 3.43 0.00	32.68 3.34 0.00	32.57 3.24 0.00	32.56 3.12 0.00
GROVEVILLE___HYD 323602	31.83 1.82 0.00	30.85 1.75 0.00	24.94 1.40 0.00	25.39 1.38 0.00	24.51 1.27 0.00	25.26 1.32 0.00	27.03 1.40 0.00	20.88 1.33 0.00	24.08 1.56 0.00	27.68 1.78 0.00	29.60 2.08 0.00	33.03 2.36 0.00	30.41 2.20 0.00	34.41 2.36 0.00	35.90 2.48 0.00	35.49 2.36 0.00	31.50 1.99 0.00	30.84 1.92 0.00	33.92 1.82 0.00	31.62 1.71 0.00	30.85 1.74 0.00	31.15 1.81 0.00	31.15 1.83 0.00	30.93 1.49 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.97 -0.05 0.00	28.94 -0.17 0.00	23.38 -0.16 0.00	23.81 -0.21 0.00	23.01 -0.23 0.00	23.76 -0.18 0.00	25.43 -0.19 0.00	19.47 -0.08 0.00	22.46 -0.06 0.00	25.87 -0.03 0.00	27.56 0.05 0.00	30.81 0.14 0.00	28.36 0.14 0.00	32.25 0.20 0.00	33.70 0.29 0.00	33.40 0.27 0.00	29.76 0.26 0.00	29.21 0.29 0.00	32.50 0.41 0.00	30.27 0.36 0.00	29.41 0.30 0.00	29.58 0.24 0.00	29.54 0.22 0.00	29.54 0.09 0.00
HAMLTNNY_34_KV_TB 80303	30.11 0.09 0.00	29.05 -0.06 0.00	23.46 -0.08 0.00	23.88 -0.13 0.00	23.08 -0.16 0.00	23.83 -0.11 0.00	25.49 -0.14 0.00	19.51 -0.04 0.00	22.52 0.00 0.00	25.96 0.06 0.00	27.60 0.09 0.00	30.88 0.21 0.00	28.41 0.20 0.00	32.33 0.28 0.00	33.80 0.39 0.00	33.55 0.41 0.00	29.90 0.40 0.00	29.35 0.43 0.00	32.69 0.59 0.00	30.44 0.52 0.00	29.56 0.44 0.00	29.73 0.39 0.00	29.68 0.36 0.00	29.67 0.22 0.00
HAMPSHIRE___PAPER_HYD 323593	30.25 0.23 0.00	29.33 0.22 0.00	23.69 0.15 0.00	24.13 0.11 0.00	23.28 0.04 0.00	23.83 -0.11 0.00	25.46 -0.17 0.00	19.18 -0.36 0.00	22.07 -0.45 0.00	25.42 -0.47 0.00	26.93 -0.58 0.00	29.81 -0.85 0.00	27.48 -0.74 0.00	31.18 -0.87 0.00	32.48 -0.94 0.00	32.08 -1.05 0.00	28.78 -0.72 0.00	28.21 -0.71 0.00	31.52 -0.57 0.00	29.37 -0.54 0.00	28.66 -0.45 0.00	28.84 -0.50 0.00	28.97 -0.35 0.00	29.38 -0.07 0.00
HARDSCRABBLE_WT_PWR 323673	29.90 -0.12 0.00	29.04 -0.07 0.00	23.47 -0.07 0.00	23.99 -0.02 0.00	23.20 -0.04 0.00	23.90 -0.04 0.00	25.55 -0.08 0.00	19.63 0.09 0.00	22.70 0.18 0.00	25.91 0.01 0.00	27.72 0.21 0.00	30.97 0.30 0.00	28.35 0.14 0.00	32.13 0.08 0.00	33.44 0.03 0.00	32.96 -0.17 0.00	29.21 -0.29 0.00	28.78 -0.14 0.00	31.90 -0.20 0.00	29.79 -0.13 0.00	29.06 -0.05 0.00	29.44 0.10 0.00	29.41 0.09 0.00	29.19 -0.26 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.51 1.49 0.00	30.52 1.41 0.00	24.64 1.10 0.00	25.08 1.07 0.00	24.22 0.98 0.00	24.96 1.03 0.00	26.71 1.08 0.00	20.64 1.10 0.00	23.82 1.30 0.00	27.39 1.49 0.00	29.35 1.83 0.00	32.80 2.13 0.00	30.19 1.97 0.00	34.21 2.16 0.00	35.64 2.23 0.00	35.18 2.05 0.00	31.25 1.75 0.00	30.58 1.66 0.00	33.60 1.51 0.00	31.32 1.41 0.00	30.55 1.44 0.00	30.86 1.52 0.00	30.88 1.56 0.00	30.65 1.20 0.00
HARSNRAD_115KV_TB1 81005	30.82 0.80 0.00	29.34 0.23 0.00	23.62 0.09 0.00	23.79 -0.23 0.00	22.93 -0.31 0.00	23.91 -0.03 0.00	25.71 0.08 0.00	19.58 0.03 0.00	22.69 0.16 0.00	26.32 0.42 0.00	28.03 0.52 0.00	31.45 0.78 0.00	29.03 0.81 0.00	33.13 1.08 0.00	34.92 1.50 0.00	34.99 1.86 0.00	31.24 1.74 0.00	30.53 1.61 0.00	34.25 2.16 0.00	31.74 1.83 0.00	30.67 1.55 0.00	30.69 1.35 0.00	30.97 1.65 0.00	31.21 1.76 0.00
HARZA MOOSE___RIVER 24016	30.60 0.58 0.00	29.58 0.47 0.00	23.88 0.34 0.00	24.33 0.31 0.00	23.51 0.28 0.00	24.22 0.28 0.00	25.92 0.30 0.00	19.73 0.19 0.00	22.72 0.20 0.00	26.17 0.27 0.00	27.89 0.38 0.00	31.06 0.39 0.00	28.59 0.38 0.00	32.43 0.38 0.00	33.80 0.38 0.00	33.35 0.22 0.00	29.82 0.32 0.00	29.24 0.32 0.00	32.65 0.55 0.00	30.43 0.52 0.00	29.62 0.50 0.00	29.73 0.39 0.00	29.69 0.36 0.00	29.77 0.32 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	29.77 -0.24 0.00	28.74 -0.37 0.00	23.24 -0.30 0.00	23.67 -0.35 0.00	22.88 -0.36 0.00	23.62 -0.32 0.00	25.30 -0.33 0.00	19.37 -0.18 0.00	22.34 -0.18 0.00	25.73 -0.17 0.00	27.39 -0.13 0.00	30.61 -0.06 0.00	28.19 -0.03 0.00	32.05 0.00 0.00	33.49 0.08 0.00	33.23 0.10 0.00	29.62 0.11 0.00	29.05 0.13 0.00	32.32 0.22 0.00	30.10 0.18 0.00	29.23 0.11 0.00	29.41 0.07 0.00	29.38 0.06 0.00	29.38 -0.06 0.00
HELLGATE_13_KV_LD 55870	31.80 1.79 0.00	30.81 1.71 0.00	24.94 1.40 0.00	25.36 1.35 0.00	24.47 1.23 0.00	25.21 1.27 0.00	26.98 1.35 0.00	20.90 1.36 0.00	24.09 1.57 0.00	27.69 1.79 0.00	29.61 2.09 0.00	33.01 2.34 0.00	30.41 2.19 0.00	34.25 2.20 0.00	35.62 2.21 0.00	35.16 2.03 0.00	31.28 1.78 0.00	30.58 1.66 0.00	33.39 1.29 0.00	31.22 1.31 0.00	30.54 1.42 0.00	30.92 1.58 0.00	30.97 1.65 0.00	30.76 1.32 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.80 1.79 0.00	30.81 1.71 0.00	24.94 1.40 0.00	25.36 1.35 0.00	24.47 1.23 0.00	25.21 1.27 0.00	26.98 1.35 0.00	20.90 1.36 0.00	24.09 1.57 0.00	27.69 1.79 0.00	29.61 2.09 0.00	33.01 2.34 0.00	30.41 2.19 0.00	34.25 2.20 0.00	35.62 2.21 0.00	35.16 2.03 0.00	31.28 1.78 0.00	30.58 1.66 0.00	33.39 1.29 0.00	31.22 1.31 0.00	30.54 1.42 0.00	30.92 1.58 0.00	30.97 1.65 0.00	30.76 1.32 0.00
HEMPSTEAD____ 23647	32.13 2.10 0.00	31.06 1.95 0.00	25.12 1.59 0.00	25.52 1.50 0.00	24.61 1.37 0.00	25.38 1.44 0.00	27.06 1.43 0.00	20.98 1.44 0.00	24.19 1.67 0.00	27.75 1.85 0.00	29.80 2.28 0.00	35.51 2.61 -2.23	46.76 2.41 -16.14	35.89 2.53 -1.31	35.88 2.46 0.00	35.45 2.32 0.00	31.18 1.68 0.00	30.49 1.57 0.00	33.37 1.27 0.00	31.08 1.17 0.00	30.43 1.31 0.00	30.90 1.56 0.00	31.03 1.71 0.00	30.70 1.26 0.00
HEWLETT__69_KV_BK3 55828	32.57 2.55 0.00	31.44 2.33 0.00	25.41 1.87 0.00	25.80 1.79 0.00	24.87 1.63 0.00	25.65 1.71 0.00	27.31 1.68 0.00	21.15 1.61 0.00	24.40 1.88 0.00	28.00 2.10 0.00	29.99 2.48 0.00	35.77 2.87 -2.23	47.01 2.65 -16.14	36.21 2.85 -1.31	36.17 2.76 0.00	35.63 2.50 0.00	31.30 1.79 0.00	30.60 1.68 0.00	33.49 1.40 0.00	31.20 1.28 0.00	30.56 1.44 0.00	31.06 1.72 0.00	31.24 1.92 0.00	30.90 1.45 0.00
HICKLING___1 23621	31.01 0.99 0.00	29.84 0.73 0.00	23.97 0.43 0.00	24.33 0.32 0.00	23.52 0.28 0.00	24.37 0.43 0.00	26.18 0.55 0.00	20.08 0.54 0.00	23.25 0.72 0.00	26.89 0.99 0.00	28.56 1.04 0.00	31.91 1.24 0.00	29.28 1.06 0.00	33.37 1.32 0.00	35.05 1.64 0.00	34.82 1.69 0.00	31.01 1.51 0.00	30.45 1.52 0.00	34.08 1.99 0.00	31.73 1.81 0.00	30.75 1.63 0.00	30.94 1.60 0.00	30.95 1.62 0.00	30.92 1.47 0.00
HICKLING___2 23622	31.01 0.99 0.00	29.84 0.73 0.00	23.97 0.43 0.00	24.33 0.32 0.00	23.52 0.28 0.00	24.37 0.43 0.00	26.18 0.55 0.00	20.08 0.54 0.00	23.25 0.72 0.00	26.89 0.99 0.00	28.56 1.04 0.00	31.91 1.24 0.00	29.28 1.06 0.00	33.37 1.32 0.00	35.05 1.64 0.00	34.82 1.69 0.00	31.01 1.51 0.00	30.45 1.52 0.00	34.08 1.99 0.00	31.73 1.81 0.00	30.75 1.63 0.00	30.94 1.60 0.00	30.95 1.62 0.00	30.92 1.47 0.00
HIGH FALLS___HY 23754	31.62 1.60 0.00	30.55 1.44 0.00	24.66 1.12 0.00	25.09 1.08 0.00	24.22 0.98 0.00	24.96 1.03 0.00	26.72 1.09 0.00	20.64 1.09 0.00	23.82 1.30 0.00	27.39 1.49 0.00	29.37 1.85 0.00	32.82 2.15 0.00	30.19 1.97 0.00	34.25 2.20 0.00	35.64 2.23 0.00	34.79 1.66 0.00	30.92 1.42 0.00	30.41 1.49 0.00	33.47 1.38 0.00	31.27 1.35 0.00	30.69 1.58 0.00	30.87 1.53 0.00	30.86 1.53 0.00	30.65 1.20 0.00
HILLBURN___GT 23639	31.36 1.34 0.00	30.39 1.28 0.00	24.53 0.99 0.00	24.97 0.96 0.00	24.11 0.87 0.00	24.86 0.92 0.00	26.58 0.96 0.00	20.58 1.04 0.00	23.74 1.22 0.00	27.26 1.36 0.00	29.25 1.74 0.00	32.69 2.02 0.00	30.07 1.85 0.00	34.03 1.98 0.00	35.44 2.03 0.00	34.86 1.73 0.00	30.99 1.49 0.00	30.29 1.37 0.00	33.23 1.13 0.00	30.99 1.08 0.00	30.27 1.15 0.00	30.62 1.28 0.00	30.67 1.35 0.00	30.43 0.99 0.00
HILLSIDE_115KV_TB1 80332	30.31 0.30 0.00	29.19 0.08 0.00	23.45 -0.09 0.00	23.84 -0.17 0.00	23.05 -0.19 0.00	23.87 -0.07 0.00	25.62 0.00 0.00	19.67 0.12 0.00	22.76 0.24 0.00	26.30 0.40 0.00	27.94 0.43 0.00	31.24 0.57 0.00	28.63 0.41 0.00	32.65 0.60 0.00	34.29 0.88 0.00	33.95 0.82 0.00	30.22 0.71 0.00	29.64 0.72 0.00	33.15 1.05 0.00	30.84 0.93 0.00	29.91 0.79 0.00	30.13 0.78 0.00	30.15 0.82 0.00	30.13 0.68 0.00
HISHELDN_WT_PWR 323625	30.98 0.96 0.00	29.60 0.49 0.00	23.78 0.24 0.00	24.00 -0.01 0.00	23.15 -0.09 0.00	24.12 0.18 0.00	25.93 0.30 0.00	19.81 0.27 0.00	22.95 0.42 0.00	26.61 0.72 0.00	28.34 0.83 0.00	31.75 1.08 0.00	29.24 1.03 0.00	33.36 1.31 0.00	35.11 1.69 0.00	35.09 1.96 0.00	31.30 1.80 0.00	30.63 1.71 0.00	34.34 2.25 0.00	31.85 1.94 0.00	30.81 1.69 0.00	30.90 1.56 0.00	31.09 1.76 0.00	31.21 1.77 0.00
HOLTSVILLE_IC_1 23690	32.62 2.60 0.00	31.48 2.38 0.00	25.56 2.02 0.00	25.92 1.91 0.00	24.98 1.74 0.00	25.78 1.84 0.00	27.44 1.81 0.00	21.29 1.74 0.00	24.64 2.12 0.00	28.17 2.27 0.00	30.29 2.77 0.00	36.04 3.14 -2.23	47.27 2.92 -16.14	36.54 3.18 -1.31	36.37 2.96 0.00	35.96 2.83 0.00	31.46 1.96 0.00	30.72 1.80 0.00	33.57 1.48 0.00	31.22 1.31 0.00	30.56 1.45 0.00	31.09 1.75 0.00	31.30 1.98 0.00	30.94 1.49 0.00
HOLTSVILLE_IC_10 23699	32.90 2.88 0.00	31.72 2.61 0.00	25.75 2.22 0.00	26.11 2.10 0.00	25.16 1.92 0.00	25.96 2.03 0.00	27.64 2.01 0.00	21.45 1.90 0.00	24.83 2.30 0.00	28.41 2.51 0.00	30.52 3.01 0.00	36.30 3.40 -2.23	47.54 3.19 -16.14	36.85 3.49 -1.31	36.67 3.25 0.00	36.33 3.20 0.00	31.77 2.26 0.00	31.01 2.09 0.00	33.88 1.79 0.00	31.51 1.59 0.00	30.84 1.73 0.00	31.36 2.02 0.00	31.57 2.24 0.00	31.19 1.74 0.00
HOLTSVILLE_IC_2 23691	32.62 2.60 0.00	31.48 2.38 0.00	25.56 2.02 0.00	25.92 1.91 0.00	24.98 1.74 0.00	25.78 1.84 0.00	27.44 1.81 0.00	21.29 1.74 0.00	24.64 2.12 0.00	28.17 2.27 0.00	30.29 2.77 0.00	36.04 3.14 -2.23	47.27 2.92 -16.14	36.54 3.18 -1.31	36.37 2.96 0.00	35.96 2.83 0.00	31.46 1.96 0.00	30.72 1.80 0.00	33.57 1.48 0.00	31.22 1.31 0.00	30.56 1.45 0.00	31.09 1.75 0.00	31.30 1.98 0.00	30.94 1.49 0.00
HOLTSVILLE_IC_3 23692	32.62 2.60 0.00	31.48 2.38 0.00	25.56 2.02 0.00	25.92 1.91 0.00	24.98 1.74 0.00	25.78 1.84 0.00	27.44 1.81 0.00	21.29 1.74 0.00	24.64 2.12 0.00	28.17 2.27 0.00	30.29 2.77 0.00	36.04 3.14 -2.23	47.27 2.92 -16.14	36.54 3.18 -1.31	36.37 2.96 0.00	35.96 2.83 0.00	31.46 1.96 0.00	30.72 1.80 0.00	33.57 1.48 0.00	31.22 1.31 0.00	30.56 1.45 0.00	31.09 1.75 0.00	31.30 1.98 0.00	30.94 1.49 0.00

HOLTSVILLE_IC_4 23693	32.62 2.60 0.00	31.48 2.38 0.00	25.56 2.02 0.00	25.92 1.91 0.00	24.98 1.74 0.00	25.78 1.84 0.00	27.44 1.81 0.00	21.29 1.74 0.00	24.64 2.12 0.00	28.17 2.27 0.00	30.29 2.77 0.00	36.04 3.14 -2.23	47.27 2.92 -16.14	36.54 3.18 -1.31	36.37 2.96 0.00	35.96 2.83 0.00	31.46 1.96 0.00	30.72 1.80 0.00	33.57 1.48 0.00	31.22 1.31 0.00	30.56 1.45 0.00	31.09 1.75 0.00	31.30 1.98 0.00	30.94 1.49 0.00
HOLTSVILLE_IC_5 23694	32.62 2.60 0.00	31.48 2.38 0.00	25.56 2.02 0.00	25.92 1.91 0.00	24.98 1.74 0.00	25.78 1.84 0.00	27.44 1.81 0.00	21.29 1.74 0.00	24.64 2.12 0.00	28.17 2.27 0.00	30.29 2.77 0.00	36.04 3.14 -2.23	47.27 2.92 -16.14	36.54 3.18 -1.31	36.37 2.96 0.00	35.96 2.83 0.00	31.46 1.96 0.00	30.72 1.80 0.00	33.57 1.48 0.00	31.22 1.31 0.00	30.56 1.45 0.00	31.09 1.75 0.00	31.30 1.98 0.00	30.94 1.49 0.00
HOLTSVILLE_IC_6 23695	32.90 2.88 0.00	31.72 2.61 0.00	25.75 2.22 0.00	26.11 2.10 0.00	25.16 1.92 0.00	25.96 2.03 0.00	27.64 2.01 0.00	21.45 1.90 0.00	24.83 2.30 0.00	28.41 2.51 0.00	30.52 3.01 0.00	36.30 3.40 -2.23	47.54 3.19 -16.14	36.85 3.49 -1.31	36.67 3.25 0.00	36.33 3.20 0.00	31.77 2.26 0.00	31.01 2.09 0.00	33.88 1.79 0.00	31.51 1.59 0.00	30.84 1.73 0.00	31.36 2.02 0.00	31.57 2.24 0.00	31.19 1.74 0.00
HOLTSVILLE_IC_7 23696	32.90 2.88 0.00	31.72 2.61 0.00	25.75 2.22 0.00	26.11 2.10 0.00	25.16 1.92 0.00	25.96 2.03 0.00	27.64 2.01 0.00	21.45 1.90 0.00	24.83 2.30 0.00	28.41 2.51 0.00	30.52 3.01 0.00	36.30 3.40 -2.23	47.54 3.19 -16.14	36.85 3.49 -1.31	36.67 3.25 0.00	36.33 3.20 0.00	31.77 2.26 0.00	31.01 2.09 0.00	33.88 1.79 0.00	31.51 1.59 0.00	30.84 1.73 0.00	31.36 2.02 0.00	31.57 2.24 0.00	31.19 1.74 0.00
HOLTSVILLE_IC_8 23697	32.90 2.88 0.00	31.72 2.61 0.00	25.75 2.22 0.00	26.11 2.10 0.00	25.16 1.92 0.00	25.96 2.03 0.00	27.64 2.01 0.00	21.45 1.90 0.00	24.83 2.30 0.00	28.41 2.51 0.00	30.52 3.01 0.00	36.30 3.40 -2.23	47.54 3.19 -16.14	36.85 3.49 -1.31	36.67 3.25 0.00	36.33 3.20 0.00	31.77 2.26 0.00	31.01 2.09 0.00	33.88 1.79 0.00	31.51 1.59 0.00	30.84 1.73 0.00	31.36 2.02 0.00	31.57 2.24 0.00	31.19 1.74 0.00
HOLTSVILLE_IC_9 23698	32.90 2.88 0.00	31.72 2.61 0.00	25.75 2.22 0.00	26.11 2.10 0.00	25.16 1.92 0.00	25.96 2.03 0.00	27.64 2.01 0.00	21.45 1.90 0.00	24.83 2.30 0.00	28.41 2.51 0.00	30.52 3.01 0.00	36.30 3.40 -2.23	47.54 3.19 -16.14	36.85 3.49 -1.31	36.67 3.25 0.00	36.33 3.20 0.00	31.77 2.26 0.00	31.01 2.09 0.00	33.88 1.79 0.00	31.51 1.59 0.00	30.84 1.73 0.00	31.36 2.02 0.00	31.57 2.24 0.00	31.19 1.74 0.00
HOMER_HL_115KV_TB2 355744	31.00 0.99 0.00	29.71 0.61 0.00	23.81 0.27 0.00	24.08 0.07 0.00	23.24 0.00 0.00	24.20 0.26 0.00	26.04 0.41 0.00	19.99 0.45 0.00	23.21 0.69 0.00	26.92 1.02 0.00	28.57 1.06 0.00	31.94 1.28 0.00	29.22 1.00 0.00	33.37 1.32 0.00	35.11 1.70 0.00	35.09 1.96 0.00	31.29 1.79 0.00	30.56 1.64 0.00	34.18 2.09 0.00	31.67 1.76 0.00	30.64 1.53 0.00	30.88 1.54 0.00	31.12 1.80 0.00	31.17 1.72 0.00
HOWARD_WT_PWR 323690	31.38 1.36 0.00	30.07 0.96 0.00	24.15 0.61 0.00	24.43 0.42 0.00	23.60 0.36 0.00	24.52 0.58 0.00	26.32 0.70 0.00	20.17 0.63 0.00	23.36 0.84 0.00	27.05 1.16 0.00	28.85 1.33 0.00	32.28 1.61 0.00	29.64 1.42 0.00	33.78 1.72 0.00	35.43 2.02 0.00	35.21 2.08 0.00	31.37 1.87 0.00	30.79 1.87 0.00	34.59 2.49 0.00	32.22 2.31 0.00	31.25 2.13 0.00	31.41 2.07 0.00	31.44 2.11 0.00	31.45 2.00 0.00
HQ_GEN_CEDARS 23644	30.16 0.14 0.00	29.34 0.23 0.00	23.74 0.20 0.00	24.20 0.19 0.00	23.43 0.19 0.00	24.06 0.12 0.00	25.74 0.12 0.00	19.31 -0.23 0.00	22.26 -0.27 0.00	25.61 -0.29 0.00	27.08 -0.43 0.00	30.07 -0.60 0.00	27.71 -0.51 0.00	31.55 -0.51 0.00	32.86 -0.55 0.00	32.50 -0.63 0.00	28.98 -0.53 0.00	28.41 -0.51 0.00	31.63 -0.47 0.00	29.47 -0.44 0.00	28.69 -0.42 0.00	28.92 -0.42 0.00	28.99 -0.33 0.00	29.61 0.16 0.00
HQ_GEN_CEDARS_PROXY 323590	30.16 0.14 0.00	29.35 0.23 0.00	23.74 0.20 0.00	24.21 0.19 0.00	23.43 0.19 0.00	24.03 0.12 0.04	25.74 0.12 0.00	19.31 -0.23 0.00	22.26 -0.26 0.00	25.61 -0.29 0.00	27.08 -0.43 0.00	30.07 -0.60 0.00	27.70 -0.51 0.00	31.55 -0.51 0.00	32.86 -0.55 0.00	32.50 -0.63 0.00	28.98 -0.53 0.00	28.41 -0.51 0.00	31.63 -0.47 0.00	29.47 -0.44 0.00	28.69 -0.42 0.00	28.92 -0.42 0.00	29.00 -0.33 0.00	29.61 0.16 0.00
HQ_GEN_IMPORT 323601	29.83 -0.19 0.00	28.99 -0.12 0.00	23.45 -0.09 0.00	23.94 -0.07 0.00	23.21 -0.03 0.00	23.87 -0.07 0.00	25.57 -0.06 0.00	19.34 -0.21 0.00	22.28 -0.24 0.00	25.62 -0.27 0.00	27.13 -0.39 0.00	30.18 -0.49 0.00	27.78 -0.44 0.00	31.62 -0.44 0.00	32.93 -0.49 0.00	33.58 -0.51 -0.96	29.07 -0.43 0.00	28.50 -0.42 0.00	31.70 -0.39 0.00	29.55 -0.36 0.00	28.76 -0.35 0.00	28.98 -0.37 0.00	21.28 -0.39 7.66	34.35 -0.15 -5.05
HQ_GEN_WHEEL 23651	29.83 -0.19 0.00	28.99 -0.12 0.00	23.45 -0.09 0.00	23.94 -0.07 0.00	23.21 -0.03 0.00	23.87 -0.07 0.00	25.57 -0.06 0.00	19.34 -0.21 0.00	22.28 -0.24 0.00	25.62 -0.27 0.00	27.13 -0.39 0.00	30.18 -0.49 0.00	27.78 -0.44 0.00	31.62 -0.44 0.00	32.93 -0.49 0.00	33.58 -0.51 -0.96	29.07 -0.43 0.00	28.50 -0.42 0.00	31.70 -0.39 0.00	29.55 -0.36 0.00	28.76 -0.35 0.00	28.98 -0.37 0.00	21.28 -0.39 7.66	34.35 -0.15 -5.05
HUDSON_AVE_GT_3 23810	31.89 1.87 0.00	30.89 1.78 0.00	24.96 1.43 0.00	25.39 1.38 0.00	24.50 1.25 0.00	25.24 1.30 0.00	27.01 1.39 0.00	20.93 1.39 0.00	24.13 1.60 0.00	27.74 1.84 0.00	29.67 2.15 0.00	33.10 2.43 0.00	30.45 2.23 0.00	34.37 2.32 0.00	35.74 2.33 0.00	35.25 2.12 0.00	31.32 1.82 0.00	30.63 1.71 0.00	33.50 1.41 0.00	31.27 1.35 0.00	30.57 1.46 0.00	30.97 1.63 0.00	31.05 1.72 0.00	30.82 1.37 0.00
HUDSON_AVE_GT_4 23540	31.89 1.87 0.00	30.89 1.78 0.00	24.96 1.43 0.00	25.39 1.38 0.00	24.50 1.25 0.00	25.24 1.30 0.00	27.01 1.39 0.00	20.93 1.39 0.00	24.13 1.60 0.00	27.74 1.84 0.00	29.67 2.15 0.00	33.10 2.43 0.00	30.45 2.23 0.00	34.37 2.32 0.00	35.74 2.33 0.00	35.25 2.12 0.00	31.32 1.82 0.00	30.63 1.71 0.00	33.50 1.41 0.00	31.27 1.35 0.00	30.57 1.46 0.00	30.97 1.63 0.00	31.05 1.72 0.00	30.82 1.37 0.00
HUDSON_AVE_GT_5 23657	31.89 1.87 0.00	30.89 1.78 0.00	24.96 1.43 0.00	25.39 1.38 0.00	24.50 1.25 0.00	25.24 1.30 0.00	27.01 1.39 0.00	20.93 1.39 0.00	24.13 1.60 0.00	27.74 1.84 0.00	29.67 2.15 0.00	33.10 2.43 0.00	30.45 2.23 0.00	34.37 2.32 0.00	35.74 2.33 0.00	35.25 2.12 0.00	31.32 1.82 0.00	30.63 1.71 0.00	33.50 1.41 0.00	31.27 1.35 0.00	30.57 1.46 0.00	30.97 1.63 0.00	31.05 1.72 0.00	30.82 1.37 0.00

HUDSON_AVE_10 24168	31.74 1.72 0.00	30.74 1.63 0.00	24.87 1.33 0.00	25.29 1.28 0.00	24.38 1.14 0.00	25.12 1.18 0.00	26.90 1.27 0.00	20.84 1.30 0.00	24.02 1.50 0.00	27.61 1.71 0.00	29.49 1.97 0.00	32.90 2.23 0.00	30.27 2.06 0.00	34.19 2.14 0.00	35.54 2.13 0.00	35.06 1.93 0.00	31.17 1.67 0.00	30.49 1.56 0.00	33.33 1.23 0.00	31.12 1.20 0.00	30.42 1.30 0.00	30.82 1.48 0.00	30.92 1.59 0.00	30.69 1.24 0.00
HUDSON___115KV_TB 4 355613	31.16 1.14 0.00	30.42 1.31 0.00	24.64 1.10 0.00	25.17 1.15 0.00	24.33 1.10 0.00	25.07 1.13 0.00	26.80 1.17 0.00	20.61 1.06 0.00	23.72 1.20 0.00	27.20 1.31 0.00	29.01 1.50 0.00	32.23 1.56 0.00	29.54 1.32 0.00	33.45 1.39 0.00	34.95 1.54 0.00	34.66 1.53 0.00	30.81 1.31 0.00	30.31 1.39 0.00	33.54 1.44 0.00	31.33 1.42 0.00	30.52 1.41 0.00	31.78 2.44 0.00	31.60 2.28 0.00	31.41 1.96 0.00
HUNTER MOUNT___DRP 323613	31.32 1.30 0.00	30.61 1.50 0.00	24.81 1.27 0.00	25.34 1.33 0.00	24.51 1.27 0.00	25.25 1.31 0.00	26.98 1.36 0.00	20.74 1.20 0.00	23.88 1.36 0.00	27.41 1.51 0.00	29.17 1.66 0.00	32.40 1.73 0.00	29.70 1.48 0.00	33.63 1.57 0.00	35.18 1.76 0.00	34.91 1.78 0.00	31.04 1.54 0.00	30.57 1.65 0.00	33.89 1.80 0.00	31.68 1.76 0.00	30.84 1.73 0.00	31.75 2.42 0.00	31.57 2.25 0.00	31.38 1.93 0.00
HUNTINGTON_RES_REC 323705	32.55 2.54 0.00	31.42 2.31 0.00	25.46 1.92 0.00	25.83 1.82 0.00	24.90 1.66 0.00	25.69 1.76 0.00	27.35 1.72 0.00	21.22 1.68 0.00	24.54 2.02 0.00	28.11 2.21 0.00	30.27 2.76 0.00	36.01 3.11 -2.23	47.29 2.93 -16.14	36.54 3.18 -1.31	36.32 2.90 0.00	36.02 2.89 0.00	31.48 1.98 0.00	30.73 1.81 0.00	33.59 1.49 0.00	31.21 1.30 0.00	30.57 1.46 0.00	31.05 1.71 0.00	31.27 1.94 0.00	30.91 1.47 0.00
HUNTLEY___63 23557	31.10 1.09 0.00	29.61 0.50 0.00	23.81 0.27 0.00	23.97 -0.04 0.00	23.12 -0.12 0.00	24.12 0.18 0.00	25.93 0.31 0.00	19.77 0.23 0.00	22.91 0.39 0.00	26.59 0.69 0.00	28.36 0.84 0.00	31.75 1.09 0.00	29.32 1.10 0.00	33.46 1.41 0.00	35.21 1.79 0.00	35.21 2.08 0.00	31.39 1.89 0.00	30.68 1.76 0.00	34.40 2.30 0.00	31.84 1.93 0.00	30.76 1.65 0.00	30.78 1.44 0.00	31.16 1.84 0.00	31.43 1.99 0.00
HUNTLEY___64 23558	31.10 1.09 0.00	29.61 0.50 0.00	23.81 0.27 0.00	23.97 -0.04 0.00	23.12 -0.12 0.00	24.12 0.18 0.00	25.93 0.31 0.00	19.77 0.23 0.00	22.91 0.39 0.00	26.59 0.69 0.00	28.36 0.84 0.00	31.75 1.09 0.00	29.32 1.10 0.00	33.46 1.41 0.00	35.21 1.79 0.00	35.21 2.08 0.00	31.39 1.89 0.00	30.68 1.76 0.00	34.40 2.30 0.00	31.84 1.93 0.00	30.76 1.65 0.00	30.78 1.44 0.00	31.16 1.84 0.00	31.43 1.99 0.00
HUNTLEY___65 23559	31.10 1.09 0.00	29.61 0.50 0.00	23.81 0.27 0.00	23.97 -0.04 0.00	23.12 -0.12 0.00	24.12 0.18 0.00	25.93 0.31 0.00	19.77 0.23 0.00	22.91 0.39 0.00	26.59 0.69 0.00	28.36 0.84 0.00	31.75 1.09 0.00	29.32 1.10 0.00	33.46 1.41 0.00	35.21 1.79 0.00	35.21 2.08 0.00	31.39 1.89 0.00	30.68 1.76 0.00	34.40 2.30 0.00	31.84 1.93 0.00	30.76 1.65 0.00	30.78 1.44 0.00	31.16 1.84 0.00	31.43 1.99 0.00
HUNTLEY___66 23560	31.10 1.09 0.00	29.61 0.50 0.00	23.81 0.27 0.00	23.97 -0.04 0.00	23.12 -0.12 0.00	24.12 0.18 0.00	25.93 0.31 0.00	19.77 0.23 0.00	22.91 0.39 0.00	26.59 0.69 0.00	28.36 0.84 0.00	31.75 1.09 0.00	29.32 1.10 0.00	33.46 1.41 0.00	35.21 1.79 0.00	35.21 2.08 0.00	31.39 1.89 0.00	30.68 1.76 0.00	34.40 2.30 0.00	31.84 1.93 0.00	30.76 1.65 0.00	30.78 1.44 0.00	31.16 1.84 0.00	31.43 1.99 0.00
HUNTLEY___67 23561	30.82 0.80 0.00	29.39 0.28 0.00	23.62 0.08 0.00	23.80 -0.21 0.00	22.94 -0.30 0.00	23.95 0.01 0.00	25.75 0.12 0.00	19.64 0.10 0.00	22.74 0.22 0.00	26.40 0.50 0.00	28.13 0.61 0.00	31.52 0.85 0.00	29.07 0.85 0.00	33.16 1.11 0.00	34.94 1.53 0.00	35.01 1.87 0.00	31.22 1.71 0.00	30.51 1.59 0.00	34.21 2.12 0.00	31.69 1.77 0.00	30.63 1.52 0.00	30.67 1.33 0.00	30.95 1.62 0.00	31.16 1.71 0.00
HUNTLEY___68 23562	30.82 0.80 0.00	29.39 0.28 0.00	23.62 0.08 0.00	23.80 -0.21 0.00	22.94 -0.30 0.00	23.95 0.01 0.00	25.75 0.12 0.00	19.64 0.10 0.00	22.74 0.22 0.00	26.40 0.50 0.00	28.13 0.61 0.00	31.52 0.85 0.00	29.07 0.85 0.00	33.16 1.11 0.00	34.94 1.53 0.00	35.01 1.87 0.00	31.22 1.71 0.00	30.51 1.59 0.00	34.21 2.12 0.00	31.69 1.77 0.00	30.63 1.52 0.00	30.67 1.33 0.00	30.95 1.62 0.00	31.16 1.71 0.00
HYLAND___LFGE 323620	32.37 2.35 0.00	30.90 1.79 0.00	24.84 1.30 0.00	25.11 1.09 0.00	24.23 0.99 0.00	25.17 1.23 0.00	27.05 1.43 0.00	20.61 1.07 0.00	23.49 0.97 0.00	27.24 1.34 0.00	28.72 1.21 0.00	32.09 1.42 0.00	29.59 1.38 0.00	33.78 1.73 0.00	35.44 2.03 0.00	35.41 2.28 0.00	31.60 2.10 0.00	31.09 2.17 0.00	35.21 3.12 0.00	32.90 2.99 0.00	32.45 3.33 0.00	32.71 3.36 0.00	32.72 3.40 0.00	32.72 3.27 0.00
INDECK___CORINTH 23802	31.50 1.48 0.00	30.50 1.39 0.00	24.68 1.14 0.00	25.14 1.12 0.00	24.32 1.08 0.00	25.03 1.09 0.00	26.78 1.15 0.00	20.55 1.00 0.00	23.75 1.23 0.00	27.21 1.31 0.00	28.89 1.37 0.00	32.19 1.52 0.00	29.43 1.22 0.00	33.41 1.36 0.00	34.96 1.54 0.00	34.50 1.37 0.00	30.78 1.28 0.00	30.38 1.46 0.00	33.82 1.73 0.00	31.38 1.46 0.00	30.50 1.38 0.00	30.90 1.55 0.00	30.81 1.49 0.00	30.67 1.22 0.00
INDECK___ILION 23567	30.01 -0.01 0.00	29.10 -0.01 0.00	23.54 0.00 0.00	24.04 0.02 0.00	23.24 0.01 0.00	23.95 0.01 0.00	25.62 0.00 0.00	19.63 0.09 0.00	22.66 0.14 0.00	25.96 0.06 0.00	27.67 0.16 0.00	30.90 0.23 0.00	28.36 0.15 0.00	32.19 0.14 0.00	33.54 0.13 0.00	33.15 0.02 0.00	29.46 -0.05 0.00	28.97 0.05 0.00	32.12 0.02 0.00	29.96 0.04 0.00	29.19 0.07 0.00	29.48 0.14 0.00	29.44 0.12 0.00	29.36 -0.09 0.00
INDECK___OLEAN 23982	31.01 0.99 0.00	29.72 0.61 0.00	23.80 0.27 0.00	24.08 0.07 0.00	23.24 0.00 0.00	24.20 0.26 0.00	26.03 0.41 0.00	19.99 0.45 0.00	23.21 0.69 0.00	26.92 1.02 0.00	28.57 1.06 0.00	31.94 1.27 0.00	29.22 1.01 0.00	33.37 1.32 0.00	35.11 1.70 0.00	35.09 1.96 0.00	31.29 1.79 0.00	30.57 1.65 0.00	34.18 2.08 0.00	31.67 1.76 0.00	30.64 1.53 0.00	30.88 1.54 0.00	31.12 1.80 0.00	31.17 1.72 0.00
INDECK___OSWEGO 23783	29.39 -0.63 0.00	28.39 -0.72 0.00	22.94 -0.60 0.00	23.36 -0.65 0.00	22.59 -0.65 0.00	23.31 -0.63 0.00	24.96 -0.67 0.00	19.10 -0.45 0.00	22.00 -0.52 0.00	25.33 -0.57 0.00	26.97 -0.55 0.00	30.11 -0.56 0.00	27.72 -0.50 0.00	31.44 -0.61 0.00	32.70 -0.72 0.00	32.33 -0.80 0.00	28.82 -0.69 0.00	28.26 -0.66 0.00	31.43 -0.66 0.00	29.29 -0.63 0.00	28.50 -0.62 0.00	28.70 -0.64 0.00	28.84 -0.49 0.00	28.91 -0.53 0.00

INDECK___YERKES 23781	31.13 1.11 0.00	29.64 0.53 0.00	23.82 0.28 0.00	23.99 -0.02 0.00	23.14 -0.10 0.00	24.13 0.19 0.00	25.95 0.32 0.00	19.78 0.24 0.00	22.92 0.40 0.00	26.61 0.72 0.00	28.37 0.86 0.00	31.77 1.11 0.00	29.34 1.13 0.00	33.48 1.43 0.00	35.20 1.79 0.00	35.19 2.06 0.00	31.37 1.87 0.00	30.67 1.75 0.00	34.38 2.29 0.00	31.83 1.92 0.00	30.75 1.63 0.00	30.77 1.43 0.00	31.17 1.85 0.00	31.46 2.01 0.00
INDIAN POINT_GT_1 24139	31.50 1.49 0.00	30.54 1.43 0.00	24.68 1.14 0.00	25.12 1.11 0.00	24.24 1.01 0.00	24.99 1.05 0.00	26.74 1.11 0.00	20.68 1.14 0.00	23.84 1.32 0.00	27.39 1.49 0.00	29.28 1.76 0.00	32.68 2.01 0.00	30.05 1.84 0.00	33.99 1.94 0.00	35.38 1.96 0.00	34.96 1.83 0.00	31.06 1.56 0.00	30.38 1.45 0.00	33.30 1.21 0.00	31.06 1.15 0.00	30.35 1.23 0.00	30.70 1.36 0.00	30.75 1.43 0.00	30.54 1.09 0.00
INDIAN POINT_GT_2 23659	31.50 1.49 0.00	30.54 1.43 0.00	24.68 1.14 0.00	25.12 1.11 0.00	24.24 1.01 0.00	24.99 1.05 0.00	26.74 1.11 0.00	20.68 1.14 0.00	23.84 1.32 0.00	27.39 1.49 0.00	29.28 1.76 0.00	32.68 2.01 0.00	30.05 1.84 0.00	33.99 1.94 0.00	35.38 1.96 0.00	34.96 1.83 0.00	31.06 1.56 0.00	30.38 1.45 0.00	33.30 1.21 0.00	31.06 1.15 0.00	30.35 1.23 0.00	30.70 1.36 0.00	30.75 1.43 0.00	30.54 1.09 0.00
INDIAN POINT_GT_3 24019	31.50 1.49 0.00	30.54 1.43 0.00	24.68 1.14 0.00	25.12 1.11 0.00	24.24 1.01 0.00	24.99 1.05 0.00	26.74 1.11 0.00	20.68 1.14 0.00	23.84 1.32 0.00	27.39 1.49 0.00	29.28 1.76 0.00	32.68 2.01 0.00	30.05 1.84 0.00	33.99 1.94 0.00	35.38 1.96 0.00	34.96 1.83 0.00	31.06 1.56 0.00	30.38 1.45 0.00	33.30 1.21 0.00	31.06 1.15 0.00	30.35 1.23 0.00	30.70 1.36 0.00	30.75 1.43 0.00	30.54 1.09 0.00
INDIAN POINT___2 23530	31.45 1.43 0.00	30.49 1.38 0.00	24.63 1.10 0.00	25.07 1.06 0.00	24.21 0.96 0.00	24.95 1.00 0.00	26.70 1.07 0.00	20.65 1.11 0.00	23.80 1.28 0.00	27.35 1.45 0.00	29.23 1.72 0.00	32.63 1.95 0.00	30.01 1.79 0.00	33.94 1.89 0.00	35.32 1.91 0.00	34.91 1.78 0.00	31.03 1.53 0.00	30.33 1.41 0.00	33.26 1.17 0.00	31.03 1.12 0.00	30.30 1.19 0.00	30.67 1.33 0.00	30.72 1.39 0.00	30.50 1.05 0.00
INDIAN POINT___3 23531	31.45 1.43 0.00	30.49 1.38 0.00	24.65 1.11 0.00	25.09 1.08 0.00	24.22 0.98 0.00	24.96 1.02 0.00	26.71 1.08 0.00	20.66 1.11 0.00	23.81 1.29 0.00	27.35 1.45 0.00	29.23 1.72 0.00	32.63 1.95 0.00	30.00 1.78 0.00	33.93 1.87 0.00	35.31 1.90 0.00	34.90 1.77 0.00	31.01 1.51 0.00	30.33 1.41 0.00	33.26 1.16 0.00	31.02 1.10 0.00	30.30 1.18 0.00	30.66 1.32 0.00	30.71 1.38 0.00	30.48 1.04 0.00
INGHAM_C_115KV_TB7 356103	29.78 -0.24 0.00	28.91 -0.19 0.00	23.40 -0.14 0.00	23.94 -0.08 0.00	23.13 -0.11 0.00	23.83 -0.11 0.00	25.46 -0.17 0.00	19.60 0.05 0.00	22.68 0.16 0.00	25.83 -0.07 0.00	27.64 0.13 0.00	30.88 0.21 0.00	28.26 0.04 0.00	32.04 -0.02 0.00	33.35 -0.06 0.00	32.87 -0.26 0.00	29.11 -0.39 0.00	28.74 -0.19 0.00	31.80 -0.29 0.00	29.71 -0.20 0.00	28.98 -0.13 0.00	29.40 0.06 0.00	29.33 0.00 0.00	29.03 -0.41 0.00
IP CORINTH___1 23988	31.67 1.66 0.00	30.69 1.58 0.00	24.81 1.27 0.00	25.27 1.26 0.00	24.46 1.21 0.00	25.17 1.23 0.00	26.92 1.30 0.00	20.66 1.12 0.00	23.88 1.36 0.00	27.36 1.46 0.00	29.05 1.54 0.00	32.37 1.70 0.00	29.60 1.38 0.00	33.60 1.55 0.00	35.15 1.74 0.00	34.70 1.57 0.00	30.96 1.45 0.00	30.56 1.63 0.00	34.02 1.92 0.00	31.56 1.64 0.00	30.67 1.55 0.00	31.07 1.73 0.00	30.99 1.66 0.00	30.85 1.40 0.00
IP___TICONDEROGA 23804	33.54 3.52 0.00	32.30 3.19 0.00	26.06 2.52 0.00	26.40 2.38 0.00	25.57 2.32 0.00	26.31 2.37 0.00	28.15 2.52 0.00	21.56 2.02 0.00	24.97 2.45 0.00	28.58 2.68 0.00	30.83 3.32 0.00	34.23 3.57 0.00	31.24 3.02 0.00	35.57 3.52 0.00	37.20 3.78 0.00	36.77 3.63 0.00	32.94 3.44 0.00	32.45 3.53 0.00	35.91 3.82 0.00	33.21 3.30 0.00	32.30 3.19 0.00	32.49 3.15 0.00	32.42 3.10 0.00	32.35 2.90 0.00
ISLIP_RES_REC 323679	33.11 3.09 0.00	31.91 2.80 0.00	25.90 2.37 0.00	26.25 2.24 0.00	25.30 2.06 0.00	26.11 2.17 0.00	27.79 2.16 0.00	21.57 2.02 0.00	24.97 2.45 0.00	28.60 2.70 0.00	30.73 3.21 0.00	36.53 3.63 -2.23	47.76 3.41 -16.14	37.14 3.78 -1.31	36.95 3.54 0.00	36.62 3.49 0.00	32.03 2.52 0.00	31.26 2.34 0.00	34.15 2.05 0.00	31.76 1.85 0.00	31.07 1.96 0.00	31.59 2.25 0.00	31.80 2.47 0.00	31.40 1.95 0.00
JAMAICA__27_KV_LOAD 355505	31.94 1.92 0.00	30.92 1.81 0.00	25.01 1.47 0.00	25.44 1.42 0.00	24.50 1.26 0.00	25.25 1.32 0.00	27.05 1.42 0.00	20.97 1.43 0.00	24.16 1.64 0.00	27.78 1.88 0.00	29.58 2.07 0.00	33.00 2.33 0.00	30.39 2.17 0.00	34.34 2.29 0.00	35.70 2.29 0.00	35.25 2.12 0.00	31.37 1.87 0.00	30.71 1.79 0.00	33.56 1.46 0.00	31.36 1.45 0.00	30.64 1.53 0.00	31.05 1.71 0.00	31.18 1.85 0.00	30.96 1.51 0.00
JANIS___SOLAR 323808	31.54 1.52 0.00	30.40 1.29 0.00	24.50 0.96 0.00	24.93 0.91 0.00	24.10 0.86 0.00	24.92 0.98 0.00	26.70 1.07 0.00	20.42 0.87 0.00	23.61 1.09 0.00	27.06 1.17 0.00	28.64 1.13 0.00	31.89 1.22 0.00	29.36 1.14 0.00	33.35 1.30 0.00	34.92 1.51 0.00	34.41 1.28 0.00	30.82 1.32 0.00	30.44 1.52 0.00	34.19 2.09 0.00	32.08 2.17 0.00	31.25 2.13 0.00	31.41 2.07 0.00	31.30 1.98 0.00	31.22 1.77 0.00
JARVIS____ 23743	30.05 0.03 0.00	29.14 0.03 0.00	23.56 0.02 0.00	24.03 0.02 0.00	23.24 0.00 0.00	23.95 0.01 0.00	25.63 0.00 0.00	19.59 0.04 0.00	22.57 0.05 0.00	25.95 0.05 0.00	27.60 0.09 0.00	30.79 0.12 0.00	28.33 0.11 0.00	32.15 0.10 0.00	33.51 0.10 0.00	33.21 0.08 0.00	29.56 0.06 0.00	28.98 0.06 0.00	32.16 0.07 0.00	29.97 0.06 0.00	29.17 0.06 0.00	29.40 0.06 0.00	29.38 0.06 0.00	29.45 0.00 0.00
JENNISON___1 23625	31.66 1.64 0.00	30.54 1.43 0.00	24.61 1.07 0.00	25.06 1.05 0.00	24.24 1.00 0.00	25.06 1.12 0.00	26.84 1.21 0.00	20.57 1.03 0.00	23.81 1.29 0.00	27.42 1.53 0.00	29.16 1.65 0.00	32.58 1.91 0.00	29.93 1.72 0.00	34.01 1.96 0.00	35.59 2.18 0.00	35.10 1.97 0.00	31.34 1.84 0.00	30.79 1.87 0.00	34.42 2.32 0.00	32.18 2.27 0.00	31.28 2.16 0.00	31.46 2.12 0.00	31.38 2.05 0.00	31.29 1.84 0.00
JENNISON___2 23626	31.66 1.64 0.00	30.54 1.43 0.00	24.61 1.07 0.00	25.06 1.05 0.00	24.24 1.00 0.00	25.06 1.12 0.00	26.84 1.21 0.00	20.57 1.03 0.00	23.81 1.29 0.00	27.42 1.53 0.00	29.16 1.65 0.00	32.58 1.91 0.00	29.93 1.72 0.00	34.01 1.96 0.00	35.59 2.18 0.00	35.10 1.97 0.00	31.34 1.84 0.00	30.79 1.87 0.00	34.42 2.32 0.00	32.18 2.27 0.00	31.28 2.16 0.00	31.46 2.12 0.00	31.38 2.05 0.00	31.29 1.84 0.00

JERICO_RISE_WT_PWR 323719	30.21 0.20 0.00	29.41 0.29 0.00	23.79 0.25 0.00	24.26 0.25 0.00	23.50 0.26 0.00	24.17 0.23 0.00	25.88 0.25 0.00	19.58 0.03 0.00	22.56 0.04 0.00	25.91 0.01 0.00	27.42 -0.10 0.00	30.47 -0.20 0.00	28.01 -0.20 0.00	31.91 -0.14 0.00	33.21 -0.20 0.00	32.86 -0.27 0.00	29.34 -0.16 0.00	28.88 -0.05 0.00	32.10 0.01 0.00	29.89 -0.03 0.00	29.10 -0.02 0.00	29.31 -0.03 0.00	29.30 -0.03 0.00	29.67 0.22 0.00
KATONAH__115KV_46KV_TB4 355592	31.74 1.73 0.00	30.77 1.66 0.00	24.88 1.34 0.00	25.32 1.31 0.00	24.44 1.20 0.00	25.19 1.25 0.00	26.96 1.34 0.00	20.86 1.31 0.00	24.04 1.52 0.00	27.64 1.74 0.00	29.57 2.05 0.00	33.01 2.34 0.00	30.37 2.16 0.00	34.35 2.30 0.00	35.77 2.36 0.00	35.39 2.26 0.00	31.41 1.90 0.00	30.70 1.78 0.00	33.68 1.59 0.00	31.40 1.49 0.00	30.65 1.54 0.00	30.99 1.65 0.00	31.01 1.68 0.00	30.78 1.33 0.00
KCE_NY_1 323755	31.66 1.64 0.00	30.79 1.68 0.00	24.89 1.35 0.00	25.39 1.37 0.00	24.54 1.30 0.00	25.30 1.36 0.00	27.06 1.43 0.00	20.78 1.23 0.00	23.98 1.46 0.00	27.49 1.59 0.00	29.27 1.75 0.00	32.62 1.95 0.00	29.90 1.68 0.00	33.90 1.85 0.00	35.39 1.98 0.00	35.05 1.92 0.00	31.23 1.73 0.00	30.73 1.81 0.00	34.07 1.97 0.00	31.66 1.75 0.00	30.78 1.67 0.00	31.09 1.75 0.00	31.05 1.73 0.00	30.93 1.48 0.00
KCE_NY_6_ESR 323823	31.19 1.17 0.00	29.74 0.63 0.00	23.87 0.33 0.00	24.07 0.05 0.00	23.21 -0.03 0.00	24.21 0.27 0.00	26.03 0.41 0.00	19.88 0.33 0.00	23.02 0.50 0.00	26.73 0.84 0.00	28.49 0.98 0.00	31.97 1.30 0.00	29.47 1.26 0.00	33.63 1.58 0.00	35.46 2.04 0.00	35.48 2.35 0.00	31.65 2.15 0.00	30.96 2.04 0.00	34.71 2.61 0.00	32.15 2.23 0.00	31.06 1.94 0.00	31.11 1.77 0.00	31.35 2.02 0.00	31.52 2.07 0.00
KEDC_PORT_JEFF_GT2 24210	32.76 2.74 0.00	31.61 2.50 0.00	25.66 2.12 0.00	26.02 2.00 0.00	25.06 1.83 0.00	25.87 1.93 0.00	27.54 1.91 0.00	21.37 1.82 0.00	24.73 2.21 0.00	28.30 2.40 0.00	30.43 2.92 0.00	36.21 3.31 -2.23	47.44 3.09 -16.14	36.56 3.21 -1.31	36.36 2.95 0.00	36.00 2.87 0.00	31.43 1.93 0.00	30.64 1.72 0.00	33.47 1.38 0.00	31.14 1.23 0.00	30.64 1.52 0.00	31.16 1.82 0.00	31.40 2.08 0.00	31.05 1.60 0.00
KEDC_PORT_JEFF_GT3 24211	32.76 2.74 0.00	31.61 2.50 0.00	25.66 2.12 0.00	26.02 2.00 0.00	25.06 1.83 0.00	25.87 1.93 0.00	27.54 1.91 0.00	21.37 1.82 0.00	24.73 2.21 0.00	28.30 2.40 0.00	30.43 2.92 0.00	36.21 3.31 -2.23	47.44 3.09 -16.14	36.56 3.21 -1.31	36.36 2.95 0.00	36.00 2.87 0.00	31.43 1.93 0.00	30.64 1.72 0.00	33.47 1.38 0.00	31.14 1.23 0.00	30.64 1.52 0.00	31.16 1.82 0.00	31.40 2.08 0.00	31.05 1.60 0.00
KEDC_GLWD_GT4 24219	32.04 2.02 0.00	31.09 1.98 0.00	25.13 1.59 0.00	25.54 1.53 0.00	24.63 1.39 0.00	25.40 1.47 0.00	27.11 1.48 0.00	21.01 1.47 0.00	24.23 1.71 0.00	27.81 1.91 0.00	29.70 2.18 0.00	35.39 2.49 -2.23	46.65 2.29 -16.14	35.78 2.42 -1.31	35.82 2.40 0.00	35.39 2.26 0.00	31.23 1.72 0.00	30.53 1.61 0.00	33.43 1.34 0.00	31.15 1.24 0.00	30.47 1.36 0.00	30.88 1.54 0.00	30.94 1.62 0.00	30.66 1.21 0.00
KEDC_GLWD_GT5 24220	32.04 2.02 0.00	31.09 1.98 0.00	25.13 1.59 0.00	25.54 1.53 0.00	24.63 1.39 0.00	25.40 1.47 0.00	27.11 1.48 0.00	21.01 1.47 0.00	24.23 1.71 0.00	27.81 1.91 0.00	29.70 2.18 0.00	35.39 2.49 -2.23	46.65 2.29 -16.14	35.78 2.42 -1.31	35.82 2.40 0.00	35.39 2.26 0.00	31.23 1.72 0.00	30.53 1.61 0.00	33.43 1.34 0.00	31.15 1.24 0.00	30.47 1.36 0.00	30.88 1.54 0.00	30.94 1.62 0.00	30.66 1.21 0.00
KENSICO____ 23655	31.62 1.60 0.00	30.65 1.54 0.00	24.78 1.24 0.00	25.22 1.21 0.00	24.34 1.10 0.00	25.08 1.14 0.00	26.83 1.21 0.00	20.76 1.21 0.00	23.93 1.41 0.00	27.50 1.60 0.00	29.39 1.88 0.00	32.80 2.14 0.00	30.17 1.95 0.00	34.10 2.05 0.00	35.49 2.08 0.00	35.06 1.93 0.00	31.14 1.64 0.00	30.45 1.53 0.00	33.38 1.28 0.00	31.13 1.21 0.00	30.41 1.30 0.00	30.78 1.44 0.00	30.83 1.50 0.00	30.62 1.17 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.65 1.64 0.00	30.61 1.50 0.00	24.70 1.17 0.00	25.14 1.13 0.00	24.27 1.03 0.00	25.01 1.08 0.00	26.77 1.14 0.00	20.67 1.12 0.00	23.87 1.35 0.00	27.45 1.55 0.00	29.40 1.89 0.00	32.85 2.18 0.00	30.21 2.00 0.00	34.24 2.19 0.00	35.62 2.21 0.00	34.78 1.65 0.00	30.93 1.42 0.00	30.42 1.50 0.00	33.49 1.40 0.00	31.30 1.39 0.00	30.76 1.65 0.00	30.98 1.64 0.00	30.96 1.63 0.00	30.75 1.30 0.00
KIAC_JFK_GT1 23816	31.83 1.82 0.00	30.83 1.72 0.00	24.94 1.40 0.00	25.36 1.35 0.00	24.44 1.20 0.00	25.19 1.25 0.00	26.97 1.35 0.00	20.91 1.37 0.00	24.09 1.57 0.00	27.69 1.79 0.00	29.47 1.96 0.00	32.88 2.21 0.00	30.27 2.05 0.00	34.19 2.14 0.00	35.56 2.15 0.00	35.13 2.00 0.00	31.26 1.75 0.00	30.60 1.67 0.00	33.43 1.33 0.00	31.24 1.33 0.00	30.53 1.41 0.00	30.94 1.60 0.00	31.07 1.74 0.00	30.84 1.39 0.00
KIAC_JFK_GT2 23817	31.83 1.82 0.00	30.83 1.72 0.00	24.94 1.40 0.00	25.36 1.35 0.00	24.44 1.20 0.00	25.19 1.25 0.00	26.97 1.35 0.00	20.91 1.37 0.00	24.09 1.57 0.00	27.69 1.79 0.00	29.47 1.96 0.00	32.88 2.21 0.00	30.27 2.05 0.00	34.19 2.14 0.00	35.56 2.15 0.00	35.13 2.00 0.00	31.26 1.75 0.00	30.60 1.67 0.00	33.43 1.33 0.00	31.24 1.33 0.00	30.53 1.41 0.00	30.94 1.60 0.00	31.07 1.74 0.00	30.84 1.39 0.00
KIAC_JFK____ 323774	31.83 1.82 0.00	30.82 1.71 0.00	24.94 1.40 0.00	25.36 1.35 0.00	24.44 1.20 0.00	25.19 1.25 0.00	26.98 1.35 0.00	20.91 1.37 0.00	24.09 1.57 0.00	27.69 1.79 0.00	29.47 1.96 0.00	32.87 2.20 0.00	30.27 2.05 0.00	34.19 2.14 0.00	35.56 2.15 0.00	35.13 2.00 0.00	31.26 1.75 0.00	30.59 1.67 0.00	33.43 1.34 0.00	31.24 1.33 0.00	30.53 1.41 0.00	30.94 1.59 0.00	31.07 1.74 0.00	30.84 1.39 0.00
KINTIGH____ 23543	30.50 0.48 0.00	29.14 0.03 0.00	23.45 -0.09 0.00	23.66 -0.35 0.00	22.81 -0.43 0.00	23.77 -0.17 0.00	25.54 -0.09 0.00	19.49 -0.06 0.00	22.57 0.04 0.00	26.16 0.27 0.00	27.87 0.35 0.00	31.20 0.53 0.00	28.76 0.54 0.00	32.79 0.74 0.00	34.50 1.09 0.00	34.55 1.42 0.00	30.83 1.32 0.00	30.13 1.21 0.00	33.75 1.65 0.00	31.28 1.37 0.00	30.26 1.15 0.00	30.33 0.99 0.00	30.57 1.25 0.00	30.74 1.29 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.75 0.73 0.00	29.91 0.80 0.00	24.18 0.64 0.00	24.65 0.63 0.00	23.85 0.61 0.00	24.53 0.59 0.00	26.25 0.62 0.00	19.90 0.36 0.00	22.95 0.42 0.00	26.28 0.38 0.00	27.91 0.40 0.00	31.04 0.38 0.00	28.48 0.26 0.00	32.49 0.44 0.00	33.82 0.41 0.00	33.53 0.40 0.00	30.00 0.49 0.00	29.51 0.59 0.00	32.79 0.69 0.00	30.48 0.57 0.00	29.68 0.57 0.00	29.91 0.57 0.00	29.86 0.54 0.00	30.17 0.73 0.00

LACHUTE____HYDRO 323717	33.54 3.52 0.00	32.31 3.19 0.00	26.06 2.52 0.00	26.40 2.39 0.00	25.57 2.33 0.00	26.31 2.37 0.00	28.15 2.52 0.00	21.56 2.02 0.00	24.97 2.45 0.00	28.58 2.68 0.00	30.83 3.32 0.00	34.23 3.57 0.00	31.24 3.02 0.00	35.57 3.52 0.00	37.20 3.78 0.00	36.77 3.63 0.00	32.94 3.44 0.00	32.45 3.53 0.00	35.91 3.82 0.00	33.21 3.30 0.00	32.30 3.19 0.00	32.49 3.15 0.00	32.42 3.10 0.00	32.35 2.90 0.00
LAWRNCAV_115KV_TB1 80681	30.11 0.09 0.00	29.28 0.17 0.00	23.68 0.14 0.00	24.13 0.12 0.00	23.28 0.05 0.00	23.78 -0.15 0.00	25.39 -0.23 0.00	19.05 -0.50 0.00	21.95 -0.58 0.00	25.26 -0.64 0.00	26.72 -0.79 0.00	29.63 -1.04 0.00	27.30 -0.92 0.00	31.08 -0.98 0.00	32.36 -1.05 0.00	32.00 -1.13 0.00	28.57 -0.93 0.00	28.03 -0.89 0.00	31.23 -0.87 0.00	29.10 -0.82 0.00	28.35 -0.76 0.00	28.65 -0.69 0.00	28.86 -0.46 0.00	29.52 0.07 0.00
LEDERLE____ 23769	31.52 1.51 0.00	30.55 1.44 0.00	24.67 1.13 0.00	25.12 1.10 0.00	24.24 1.00 0.00	24.99 1.05 0.00	26.75 1.12 0.00	20.70 1.16 0.00	23.87 1.35 0.00	27.43 1.53 0.00	29.34 1.83 0.00	32.78 2.10 0.00	30.15 1.93 0.00	34.12 2.07 0.00	35.53 2.12 0.00	35.08 1.95 0.00	31.21 1.70 0.00	30.51 1.59 0.00	33.46 1.36 0.00	31.20 1.28 0.00	30.47 1.35 0.00	30.82 1.48 0.00	30.85 1.53 0.00	30.61 1.17 0.00
LIGHTHSE_115KV_TB6 355974	29.92 -0.10 0.00	28.87 -0.23 0.00	23.31 -0.22 0.00	23.73 -0.28 0.00	22.94 -0.30 0.00	23.67 -0.27 0.00	25.33 -0.30 0.00	19.32 -0.22 0.00	22.23 -0.29 0.00	25.62 -0.28 0.00	27.29 -0.23 0.00	30.36 -0.31 0.00	27.95 -0.26 0.00	31.66 -0.39 0.00	33.03 -0.38 0.00	32.60 -0.52 0.00	29.23 -0.27 0.00	28.64 -0.28 0.00	31.96 -0.13 0.00	29.78 -0.13 0.00	29.05 -0.07 0.00	29.23 -0.11 0.00	29.24 -0.09 0.00	29.28 -0.17 0.00
LINDEN COGEN____ 23786	31.62 1.61 0.00	30.64 1.53 0.00	24.75 1.21 0.00	25.17 1.16 0.00	24.26 1.03 0.00	25.01 1.07 0.00	26.77 1.14 0.00	20.74 1.19 0.00	23.89 1.37 0.00	26.42 1.57 1.05	28.57 1.88 0.82	32.79 2.13 0.00	30.18 1.97 0.00	33.76 2.01 0.30	34.39 1.97 1.00	34.13 1.74 0.74	31.02 1.51 0.00	30.31 1.39 0.00	32.47 1.04 0.67	30.92 1.01 0.01	29.99 1.12 0.25	30.65 1.31 0.00	30.74 1.42 0.00	30.42 1.06 0.08
LINDHRST_69_KV_BK1 356055	32.83 2.81 0.00	31.67 2.56 0.00	25.61 2.07 0.00	25.99 1.98 0.00	25.05 1.82 0.00	25.85 1.91 0.00	27.52 1.90 0.00	21.35 1.81 0.00	24.67 2.15 0.00	28.27 2.37 0.00	30.47 2.95 0.00	36.23 3.33 -2.23	47.44 3.09 -16.14	36.79 3.43 -1.31	36.57 3.16 0.00	36.13 3.00 0.00	31.66 2.16 0.00	30.93 2.01 0.00	33.80 1.71 0.00	31.51 1.59 0.00	30.87 1.75 0.00	31.41 2.07 0.00	31.60 2.27 0.00	31.23 1.78 0.00
LIPA_MISC_IPP 23656	32.68 2.66 0.00	31.54 2.43 0.00	25.64 2.10 0.00	25.99 1.98 0.00	25.04 1.81 0.00	25.85 1.91 0.00	27.51 1.88 0.00	21.32 1.77 0.00	24.72 2.19 0.00	28.23 2.33 0.00	30.36 2.85 0.00	36.14 3.24 -2.23	47.38 3.02 -16.14	36.66 3.30 -1.31	36.53 3.12 0.00	36.08 2.95 0.00	31.55 2.05 0.00	30.85 1.93 0.00	33.70 1.60 0.00	31.34 1.43 0.00	30.63 1.51 0.00	31.19 1.85 0.00	31.35 2.02 0.00	30.94 1.49 0.00
LISF____SOLAR 323691	32.74 2.72 0.00	31.58 2.47 0.00	25.68 2.14 0.00	26.03 2.02 0.00	25.09 1.84 0.00	25.90 1.96 0.00	27.55 1.92 0.00	21.36 1.81 0.00	24.76 2.24 0.00	28.27 2.37 0.00	30.43 2.92 0.00	36.19 3.30 -2.23	47.45 3.10 -16.14	36.76 3.41 -1.31	36.66 3.25 0.00	36.17 3.04 0.00	31.62 2.12 0.00	30.93 2.00 0.00	33.79 1.69 0.00	31.41 1.50 0.00	30.69 1.57 0.00	31.24 1.90 0.00	31.41 2.08 0.00	30.99 1.55 0.00
LITTLE FALLS____HYD 24013	29.78 -0.24 0.00	28.91 -0.19 0.00	23.40 -0.14 0.00	23.94 -0.08 0.00	23.13 -0.11 0.00	23.83 -0.11 0.00	25.46 -0.17 0.00	19.60 0.05 0.00	22.68 0.16 0.00	25.83 -0.07 0.00	27.64 0.13 0.00	30.88 0.21 0.00	28.26 0.04 0.00	32.04 -0.02 0.00	33.35 -0.06 0.00	32.87 -0.26 0.00	29.11 -0.39 0.00	28.74 -0.19 0.00	31.80 -0.29 0.00	29.71 -0.20 0.00	28.98 -0.13 0.00	29.40 0.06 0.00	29.33 0.00 0.00	29.03 -0.41 0.00
LITTLRIV_115KV_TB1 356100	30.42 0.40 0.00	29.57 0.46 0.00	23.90 0.36 0.00	24.35 0.34 0.00	23.51 0.27 0.00	24.03 0.09 0.00	25.65 0.02 0.00	19.22 -0.32 0.00	22.17 -0.35 0.00	25.52 -0.38 0.00	27.07 -0.45 0.00	30.02 -0.64 0.00	27.67 -0.54 0.00	31.51 -0.54 0.00	32.84 -0.57 0.00	32.38 -0.75 0.00	28.92 -0.59 0.00	28.40 -0.52 0.00	31.68 -0.42 0.00	29.51 -0.41 0.00	28.74 -0.37 0.00	29.04 -0.30 0.00	29.23 -0.09 0.00	29.85 0.40 0.00
LI_NEWBRDGE____DRP 323616	32.07 2.05 0.00	31.00 1.89 0.00	25.07 1.53 0.00	25.47 1.46 0.00	24.57 1.33 0.00	25.34 1.40 0.00	26.99 1.37 0.00	20.93 1.39 0.00	24.14 1.62 0.00	27.67 1.77 0.00	29.76 2.24 0.00	35.44 2.54 -2.23	46.68 2.32 -16.14	35.85 2.49 -1.31	35.78 2.36 0.00	35.32 2.19 0.00	31.03 1.53 0.00	30.35 1.43 0.00	33.18 1.09 0.00	30.91 1.00 0.00	30.28 1.16 0.00	30.76 1.42 0.00	30.92 1.60 0.00	30.60 1.15 0.00
LOCKPORT_115KV_TB60_63_64 80432	30.83 0.81 0.00	29.34 0.23 0.00	23.63 0.09 0.00	23.79 -0.22 0.00	22.93 -0.31 0.00	23.91 -0.03 0.00	25.71 0.08 0.00	19.57 0.03 0.00	22.68 0.15 0.00	26.31 0.41 0.00	28.03 0.51 0.00	31.45 0.78 0.00	29.03 0.82 0.00	33.14 1.09 0.00	34.93 1.52 0.00	35.01 1.88 0.00	31.26 1.75 0.00	30.55 1.63 0.00	34.28 2.18 0.00	31.77 1.86 0.00	30.69 1.58 0.00	30.71 1.37 0.00	30.98 1.66 0.00	31.23 1.78 0.00
LOCKPORT____CC1 323769	30.83 0.81 0.00	29.35 0.24 0.00	23.62 0.08 0.00	23.78 -0.23 0.00	22.93 -0.31 0.00	23.91 -0.03 0.00	25.71 0.08 0.00	19.57 0.03 0.00	22.68 0.16 0.00	26.32 0.42 0.00	28.03 0.52 0.00	31.45 0.78 0.00	29.03 0.81 0.00	33.13 1.08 0.00	34.91 1.50 0.00	34.98 1.85 0.00	31.24 1.74 0.00	30.54 1.62 0.00	34.26 2.16 0.00	31.74 1.83 0.00	30.67 1.55 0.00	30.70 1.36 0.00	30.97 1.64 0.00	31.21 1.76 0.00
LOCKPORT____CC2 323770	30.83 0.81 0.00	29.35 0.24 0.00	23.62 0.08 0.00	23.78 -0.23 0.00	22.93 -0.31 0.00	23.91 -0.03 0.00	25.71 0.08 0.00	19.57 0.03 0.00	22.68 0.16 0.00	26.32 0.42 0.00	28.03 0.52 0.00	31.45 0.78 0.00	29.03 0.81 0.00	33.13 1.08 0.00	34.91 1.50 0.00	34.98 1.85 0.00	31.24 1.74 0.00	30.54 1.62 0.00	34.26 2.16 0.00	31.74 1.83 0.00	30.67 1.55 0.00	30.70 1.36 0.00	30.97 1.64 0.00	31.21 1.76 0.00
LOCKPORT____CC3 323771	30.83 0.81 0.00	29.35 0.24 0.00	23.62 0.08 0.00	23.78 -0.23 0.00	22.93 -0.31 0.00	23.91 -0.03 0.00	25.71 0.08 0.00	19.57 0.03 0.00	22.68 0.16 0.00	26.32 0.42 0.00	28.03 0.52 0.00	31.45 0.78 0.00	29.03 0.81 0.00	33.13 1.08 0.00	34.91 1.50 0.00	34.98 1.85 0.00	31.24 1.74 0.00	30.54 1.62 0.00	34.26 2.16 0.00	31.74 1.83 0.00	30.67 1.55 0.00	30.70 1.36 0.00	30.97 1.64 0.00	31.21 1.76 0.00

LONG_LAKE_PHOENIX 24014	29.55 -0.46 0.00	28.54 -0.57 0.00	23.07 -0.47 0.00	23.49 -0.53 0.00	22.71 -0.53 0.00	23.45 -0.49 0.00	25.10 -0.53 0.00	19.21 -0.33 0.00	22.14 -0.38 0.00	25.49 -0.41 0.00	27.16 -0.35 0.00	30.34 -0.33 0.00	27.94 -0.27 0.00	31.74 -0.31 0.00	33.13 -0.29 0.00	32.81 -0.32 0.00	29.25 -0.26 0.00	28.68 -0.24 0.00	31.90 -0.20 0.00	29.73 -0.18 0.00	28.91 -0.21 0.00	29.10 -0.25 0.00	29.10 -0.23 0.00	29.11 -0.34 0.00
LOVETT___3 23632	31.35 1.33 0.00	30.39 1.28 0.00	24.56 1.02 0.00	25.01 1.00 0.00	24.14 0.90 0.00	24.88 0.94 0.00	26.63 1.00 0.00	20.60 1.06 0.00	23.75 1.22 0.00	27.27 1.38 0.00	29.15 1.64 0.00	32.54 1.87 0.00	29.93 1.72 0.00	33.86 1.81 0.00	35.25 1.84 0.00	34.84 1.71 0.00	30.98 1.47 0.00	30.28 1.36 0.00	33.20 1.10 0.00	30.97 1.06 0.00	30.25 1.13 0.00	30.61 1.27 0.00	30.65 1.33 0.00	30.42 0.98 0.00
LOVETT___4 23642	31.35 1.33 0.00	30.39 1.28 0.00	24.56 1.02 0.00	25.01 1.00 0.00	24.14 0.90 0.00	24.88 0.94 0.00	26.63 1.00 0.00	20.60 1.06 0.00	23.75 1.22 0.00	27.27 1.38 0.00	29.15 1.64 0.00	32.54 1.87 0.00	29.93 1.72 0.00	33.86 1.81 0.00	35.25 1.84 0.00	34.84 1.71 0.00	30.98 1.47 0.00	30.28 1.36 0.00	33.20 1.10 0.00	30.97 1.06 0.00	30.25 1.13 0.00	30.61 1.27 0.00	30.65 1.33 0.00	30.42 0.98 0.00
LOVETT___5 23593	31.35 1.33 0.00	30.39 1.28 0.00	24.56 1.02 0.00	25.01 1.00 0.00	24.14 0.90 0.00	24.88 0.94 0.00	26.63 1.00 0.00	20.60 1.06 0.00	23.75 1.22 0.00	27.27 1.38 0.00	29.15 1.64 0.00	32.54 1.87 0.00	29.93 1.72 0.00	33.86 1.81 0.00	35.25 1.84 0.00	34.84 1.71 0.00	30.98 1.47 0.00	30.28 1.36 0.00	33.20 1.10 0.00	30.97 1.06 0.00	30.25 1.13 0.00	30.61 1.27 0.00	30.65 1.33 0.00	30.42 0.98 0.00
LOWER_RAQUET___HYD 24057	30.09 0.07 0.00	29.27 0.16 0.00	23.66 0.12 0.00	24.11 0.10 0.00	23.25 0.01 0.00	23.69 -0.24 0.00	25.28 -0.35 0.00	18.96 -0.59 0.00	21.85 -0.67 0.00	25.15 -0.75 0.00	26.60 -0.91 0.00	29.47 -1.20 0.00	27.17 -1.05 0.00	30.92 -1.13 0.00	32.20 -1.22 0.00	31.83 -1.30 0.00	28.44 -1.06 0.00	27.91 -1.01 0.00	31.10 -0.99 0.00	28.98 -0.94 0.00	28.24 -0.87 0.00	28.56 -0.78 0.00	28.83 -0.50 0.00	29.49 0.04 0.00
LOWER___HUDSON 24059	31.14 1.12 0.00	30.35 1.24 0.00	24.59 1.05 0.00	25.12 1.10 0.00	24.28 1.04 0.00	25.01 1.07 0.00	26.73 1.10 0.00	20.52 0.97 0.00	23.63 1.11 0.00	27.05 1.15 0.00	28.84 1.33 0.00	32.11 1.44 0.00	29.42 1.21 0.00	33.30 1.25 0.00	34.72 1.31 0.00	34.43 1.30 0.00	30.63 1.13 0.00	30.09 1.17 0.00	33.20 1.10 0.00	30.94 1.02 0.00	30.11 1.00 0.00	30.43 1.09 0.00	30.44 1.12 0.00	30.34 0.90 0.00
LOWVILLE_115KV_TB2 356335	30.54 0.53 0.00	29.53 0.42 0.00	23.84 0.30 0.00	24.28 0.26 0.00	23.45 0.20 0.00	24.10 0.17 0.00	25.78 0.15 0.00	19.54 0.00 0.00	22.46 -0.06 0.00	25.88 -0.02 0.00	27.51 0.00 0.00	30.51 -0.16 0.00	28.07 -0.14 0.00	31.80 -0.25 0.00	33.11 -0.31 0.00	32.62 -0.51 0.00	29.33 -0.17 0.00	28.70 -0.23 0.00	32.13 0.03 0.00	29.91 0.00 0.00	29.16 0.05 0.00	29.20 -0.14 0.00	29.21 -0.12 0.00	29.39 -0.05 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.68 1.66 0.00	30.78 1.67 0.00	24.90 1.36 0.00	25.40 1.38 0.00	24.56 1.32 0.00	25.31 1.37 0.00	27.05 1.43 0.00	20.77 1.22 0.00	23.97 1.44 0.00	27.47 1.57 0.00	29.25 1.73 0.00	32.60 1.93 0.00	29.87 1.66 0.00	33.87 1.82 0.00	35.35 1.94 0.00	35.01 1.88 0.00	31.20 1.69 0.00	30.68 1.76 0.00	34.00 1.90 0.00	31.63 1.72 0.00	30.74 1.63 0.00	31.06 1.72 0.00	31.03 1.70 0.00	30.91 1.46 0.00
LUTHERNY_35_KV_BK2 355980	31.66 1.65 0.00	30.80 1.69 0.00	24.89 1.35 0.00	25.38 1.37 0.00	24.54 1.30 0.00	25.30 1.36 0.00	27.06 1.43 0.00	20.78 1.23 0.00	23.98 1.46 0.00	27.49 1.59 0.00	29.27 1.75 0.00	32.62 1.95 0.00	29.90 1.68 0.00	33.91 1.85 0.00	35.39 1.98 0.00	35.05 1.92 0.00	31.23 1.73 0.00	30.73 1.81 0.00	34.07 1.97 0.00	31.66 1.75 0.00	30.78 1.67 0.00	31.09 1.75 0.00	31.05 1.73 0.00	30.93 1.48 0.00
LWR___OSWEGATCHIE_HYD 23850	30.25 0.23 0.00	29.33 0.21 0.00	23.69 0.15 0.00	24.12 0.11 0.00	23.28 0.04 0.00	23.83 -0.11 0.00	25.46 -0.17 0.00	19.18 -0.36 0.00	22.07 -0.45 0.00	25.42 -0.47 0.00	26.93 -0.58 0.00	29.81 -0.85 0.00	27.48 -0.74 0.00	31.18 -0.87 0.00	32.48 -0.94 0.00	32.08 -1.05 0.00	28.79 -0.72 0.00	28.21 -0.71 0.00	31.52 -0.57 0.00	29.37 -0.54 0.00	28.66 -0.45 0.00	28.84 -0.50 0.00	28.97 -0.36 0.00	29.38 -0.07 0.00
LYONS_FALL_HYD 23570	30.60 0.58 0.00	29.59 0.48 0.00	23.88 0.34 0.00	24.33 0.31 0.00	23.52 0.28 0.00	24.22 0.28 0.00	25.92 0.30 0.00	19.73 0.19 0.00	22.72 0.20 0.00	26.17 0.28 0.00	27.89 0.38 0.00	31.06 0.39 0.00	28.59 0.38 0.00	32.43 0.38 0.00	33.80 0.38 0.00	33.35 0.22 0.00	29.82 0.32 0.00	29.24 0.32 0.00	32.65 0.55 0.00	30.43 0.52 0.00	29.62 0.50 0.00	29.73 0.39 0.00	29.69 0.36 0.00	29.77 0.32 0.00
MADISON___COUNTY_LFGE 323628	30.72 0.70 0.00	29.67 0.56 0.00	23.96 0.42 0.00	24.41 0.39 0.00	23.60 0.36 0.00	24.35 0.41 0.00	26.08 0.45 0.00	19.92 0.38 0.00	22.96 0.44 0.00	26.46 0.56 0.00	28.23 0.72 0.00	31.57 0.91 0.00	29.07 0.85 0.00	33.03 0.98 0.00	34.48 1.06 0.00	34.13 1.00 0.00	30.39 0.88 0.00	29.84 0.91 0.00	33.27 1.17 0.00	31.08 1.16 0.00	30.20 1.08 0.00	30.36 1.02 0.00	30.26 0.93 0.00	30.23 0.78 0.00
MALONE___115KV_TB1 356076	30.48 0.47 0.00	29.64 0.53 0.00	23.96 0.42 0.00	24.42 0.40 0.00	23.62 0.38 0.00	24.25 0.31 0.00	25.95 0.32 0.00	19.63 0.08 0.00	22.63 0.10 0.00	26.03 0.13 0.00	27.59 0.08 0.00	30.62 -0.05 0.00	28.19 -0.03 0.00	32.10 0.05 0.00	33.45 0.03 0.00	33.04 -0.09 0.00	29.53 0.03 0.00	29.03 0.11 0.00	32.29 0.19 0.00	30.06 0.15 0.00	29.27 0.16 0.00	29.50 0.16 0.00	29.53 0.20 0.00	29.96 0.51 0.00
MAPLEWOD_115KV_TB3 80458	31.09 1.07 0.00	30.27 1.17 0.00	24.52 0.98 0.00	25.04 1.02 0.00	24.20 0.96 0.00	24.93 0.99 0.00	26.64 1.01 0.00	20.46 0.92 0.00	23.55 1.03 0.00	26.98 1.08 0.00	28.78 1.26 0.00	32.08 1.41 0.00	29.47 1.25 0.00	33.39 1.34 0.00	34.81 1.40 0.00	34.52 1.39 0.00	30.72 1.22 0.00	30.19 1.26 0.00	33.32 1.22 0.00	31.05 1.14 0.00	30.21 1.09 0.00	30.47 1.13 0.00	30.45 1.12 0.00	30.34 0.89 0.00
MAPLE_RIDGE_WT_1 323574	29.91 -0.11 0.00	29.02 -0.09 0.00	23.48 -0.06 0.00	23.95 -0.07 0.00	23.19 -0.05 0.00	23.88 -0.06 0.00	25.57 -0.06 0.00	19.45 -0.09 0.00	22.41 -0.11 0.00	25.78 -0.12 0.00	27.35 -0.17 0.00	30.46 -0.21 0.00	28.02 -0.19 0.00	31.83 -0.22 0.00	33.18 -0.23 0.00	32.87 -0.26 0.00	29.28 -0.22 0.00	28.67 -0.25 0.00	31.87 -0.22 0.00	29.66 -0.25 0.00	28.87 -0.25 0.00	28.99 -0.35 0.00	29.01 -0.31 0.00	29.25 -0.20 0.00

MAPLE RIDGE_WT_2 323611	29.91 -0.11 0.00	29.02 -0.09 0.00	23.48 -0.06 0.00	23.95 -0.07 0.00	23.19 -0.05 0.00	23.88 -0.06 0.00	25.57 -0.06 0.00	19.45 -0.09 0.00	22.41 -0.11 0.00	25.78 -0.12 0.00	27.35 -0.17 0.00	30.46 -0.21 0.00	28.02 -0.19 0.00	31.83 -0.22 0.00	33.18 -0.23 0.00	32.87 -0.26 0.00	29.28 -0.22 0.00	28.67 -0.25 0.00	31.87 -0.22 0.00	29.66 -0.25 0.00	28.87 -0.25 0.00	28.99 -0.35 0.00	29.01 -0.31 0.00	29.25 -0.20 0.00
MARBLE RIVER_WT_PWR 323696	30.32 0.30 0.00	29.50 0.39 0.00	23.87 0.33 0.00	24.34 0.32 0.00	23.57 0.33 0.00	24.24 0.30 0.00	25.94 0.31 0.00	19.65 0.10 0.00	22.64 0.12 0.00	25.98 0.08 0.00	27.50 -0.01 0.00	30.58 -0.09 0.00	28.10 -0.12 0.00	32.01 -0.04 0.00	33.31 -0.10 0.00	32.98 -0.15 0.00	29.44 -0.06 0.00	28.99 0.07 0.00	32.23 0.13 0.00	29.99 0.07 0.00	29.20 0.09 0.00	29.43 0.08 0.00	29.41 0.08 0.00	29.76 0.31 0.00
MARSHVLE_115KV_TB1 80742	32.76 2.74 0.00	31.57 2.46 0.00	25.46 1.92 0.00	25.89 1.88 0.00	25.05 1.81 0.00	25.85 1.91 0.00	27.69 2.06 0.00	21.07 1.52 0.00	24.28 1.76 0.00	28.07 2.18 0.00	29.64 2.12 0.00	33.04 2.38 0.00	30.31 2.09 0.00	34.49 2.43 0.00	36.19 2.77 0.00	36.06 2.93 0.00	32.05 2.54 0.00	31.44 2.52 0.00	35.16 3.06 0.00	32.96 3.04 0.00	32.10 2.99 0.00	32.28 2.94 0.00	32.25 2.93 0.00	32.43 2.99 0.00
MARSH_HILL_WT_PWR 323713	31.34 1.33 0.00	30.04 0.92 0.00	24.12 0.58 0.00	24.41 0.39 0.00	23.58 0.34 0.00	24.49 0.55 0.00	26.30 0.67 0.00	20.14 0.60 0.00	23.33 0.80 0.00	27.02 1.12 0.00	28.80 1.29 0.00	32.22 1.55 0.00	29.60 1.39 0.00	33.72 1.67 0.00	35.38 1.97 0.00	35.17 2.04 0.00	31.33 1.83 0.00	30.74 1.82 0.00	34.53 2.44 0.00	32.16 2.25 0.00	31.21 2.10 0.00	31.37 2.03 0.00	31.40 2.08 0.00	31.40 1.95 0.00
MCINTYRE_115KV_TB2 80467	30.63 0.61 0.00	29.77 0.66 0.00	24.06 0.53 0.00	24.53 0.52 0.00	23.72 0.48 0.00	24.31 0.37 0.00	25.98 0.36 0.00	19.46 -0.09 0.00	22.44 -0.08 0.00	25.83 -0.07 0.00	27.36 -0.15 0.00	30.37 -0.30 0.00	27.99 -0.23 0.00	31.88 -0.17 0.00	33.22 -0.19 0.00	32.81 -0.32 0.00	29.31 -0.19 0.00	28.80 -0.12 0.00	32.13 0.03 0.00	29.92 0.01 0.00	29.15 0.03 0.00	29.40 0.06 0.00	29.53 0.21 0.00	30.11 0.67 0.00
MECO____69_KV_BK1 80468	33.31 3.30 0.00	32.05 2.94 0.00	25.85 2.31 0.00	26.29 2.28 0.00	25.44 2.20 0.00	26.26 2.32 0.00	28.09 2.46 0.00	21.38 1.84 0.00	24.69 2.17 0.00	28.30 2.40 0.00	29.94 2.42 0.00	33.33 2.66 0.00	30.61 2.39 0.00	34.73 2.68 0.00	38.01 4.60 0.00	36.13 3.00 0.00	31.72 2.22 0.00	31.59 2.67 0.00	35.51 3.42 0.00	33.43 3.52 0.00	32.55 3.43 0.00	32.68 3.34 0.00	32.57 3.25 0.00	32.56 3.12 0.00
MENANDS__115KV_TB5 355628	30.75 0.73 0.00	30.00 0.89 0.00	24.31 0.77 0.00	24.83 0.82 0.00	24.00 0.76 0.00	24.72 0.78 0.00	26.41 0.79 0.00	20.30 0.75 0.00	23.34 0.82 0.00	26.74 0.84 0.00	28.52 1.01 0.00	31.79 1.12 0.00	29.17 0.95 0.00	33.02 0.97 0.00	34.42 1.00 0.00	34.14 1.01 0.00	30.36 0.86 0.00	29.80 0.88 0.00	32.84 0.75 0.00	30.61 0.70 0.00	29.81 0.70 0.00	30.09 0.74 0.00	30.10 0.77 0.00	30.00 0.55 0.00
MG INDUSTRY___DRP 24185	30.82 0.80 0.00	30.09 0.98 0.00	24.39 0.85 0.00	24.92 0.91 0.00	24.09 0.86 0.00	24.82 0.88 0.00	26.52 0.89 0.00	20.37 0.83 0.00	23.42 0.90 0.00	26.82 0.92 0.00	28.59 1.08 0.00	31.83 1.16 0.00	29.20 0.99 0.00	33.06 1.01 0.00	34.47 1.05 0.00	34.19 1.06 0.00	30.40 0.90 0.00	29.82 0.90 0.00	32.92 0.83 0.00	30.71 0.80 0.00	29.92 0.80 0.00	30.30 0.96 0.00	30.28 0.96 0.00	30.21 0.76 0.00
MID___OSWEGATCHIE_HYD 23849	30.25 0.23 0.00	29.33 0.21 0.00	23.69 0.15 0.00	24.12 0.11 0.00	23.28 0.04 0.00	23.83 -0.11 0.00	25.46 -0.17 0.00	19.18 -0.36 0.00	22.07 -0.45 0.00	25.42 -0.47 0.00	26.93 -0.58 0.00	29.81 -0.85 0.00	27.48 -0.74 0.00	31.18 -0.87 0.00	32.48 -0.94 0.00	32.08 -1.05 0.00	28.79 -0.72 0.00	28.21 -0.71 0.00	31.52 -0.57 0.00	29.37 -0.54 0.00	28.66 -0.45 0.00	28.84 -0.50 0.00	28.97 -0.36 0.00	29.38 -0.07 0.00
MID___RAQUETTE_HYD 23851	30.09 0.07 0.00	29.26 0.15 0.00	23.66 0.12 0.00	24.11 0.10 0.00	23.25 0.01 0.00	23.69 -0.24 0.00	25.28 -0.35 0.00	18.96 -0.59 0.00	21.85 -0.67 0.00	25.15 -0.75 0.00	26.60 -0.91 0.00	29.47 -1.20 0.00	27.17 -1.05 0.00	30.92 -1.13 0.00	32.20 -1.22 0.00	31.83 -1.30 0.00	28.44 -1.06 0.00	27.91 -1.01 0.00	31.10 -1.00 0.00	28.98 -0.94 0.00	28.24 -0.87 0.00	28.56 -0.78 0.00	28.83 -0.50 0.00	29.49 0.04 0.00
MILLIKEN___1 23584	30.78 0.76 0.00	29.68 0.57 0.00	23.95 0.41 0.00	24.38 0.37 0.00	23.56 0.32 0.00	24.35 0.41 0.00	26.05 0.43 0.00	19.96 0.41 0.00	23.04 0.52 0.00	26.50 0.60 0.00	28.18 0.66 0.00	31.47 0.80 0.00	28.93 0.72 0.00	32.91 0.86 0.00	34.40 0.99 0.00	34.04 0.91 0.00	30.37 0.87 0.00	29.88 0.96 0.00	33.37 1.27 0.00	31.16 1.24 0.00	30.30 1.18 0.00	30.47 1.13 0.00	30.40 1.08 0.00	30.36 0.91 0.00
MILLIKEN___2 23585	30.78 0.76 0.00	29.68 0.57 0.00	23.95 0.41 0.00	24.38 0.37 0.00	23.56 0.32 0.00	24.35 0.41 0.00	26.05 0.43 0.00	19.96 0.41 0.00	23.04 0.52 0.00	26.50 0.60 0.00	28.18 0.66 0.00	31.47 0.80 0.00	28.93 0.72 0.00	32.91 0.86 0.00	34.40 0.99 0.00	34.04 0.91 0.00	30.37 0.87 0.00	29.88 0.96 0.00	33.37 1.27 0.00	31.16 1.24 0.00	30.30 1.18 0.00	30.47 1.13 0.00	30.40 1.08 0.00	30.36 0.91 0.00
MILLIKEN___DIESEL 23629	30.78 0.76 0.00	29.68 0.57 0.00	23.95 0.41 0.00	24.38 0.37 0.00	23.56 0.32 0.00	24.35 0.41 0.00	26.05 0.43 0.00	19.96 0.41 0.00	23.04 0.52 0.00	26.50 0.60 0.00	28.18 0.66 0.00	31.47 0.80 0.00	28.93 0.72 0.00	32.91 0.86 0.00	34.40 0.99 0.00	34.04 0.91 0.00	30.37 0.87 0.00	29.88 0.96 0.00	33.37 1.27 0.00	31.16 1.24 0.00	30.30 1.18 0.00	30.47 1.13 0.00	30.40 1.08 0.00	30.36 0.91 0.00
MILLSEAT___LFGE 323607	31.30 1.28 0.00	29.79 0.69 0.00	23.97 0.43 0.00	24.15 0.13 0.00	23.28 0.04 0.00	24.25 0.31 0.00	26.07 0.44 0.00	19.85 0.31 0.00	23.01 0.48 0.00	26.68 0.78 0.00	28.40 0.88 0.00	31.87 1.21 0.00	29.44 1.23 0.00	33.63 1.58 0.00	35.46 2.04 0.00	35.55 2.42 0.00	31.79 2.29 0.00	31.12 2.20 0.00	34.95 2.85 0.00	32.46 2.55 0.00	31.37 2.25 0.00	31.38 2.04 0.00	31.56 2.23 0.00	31.71 2.26 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.54 1.52 0.00	30.58 1.47 0.00	24.72 1.18 0.00	25.17 1.15 0.00	24.28 1.05 0.00	25.03 1.09 0.00	26.77 1.15 0.00	20.71 1.17 0.00	23.88 1.35 0.00	27.43 1.53 0.00	29.32 1.80 0.00	32.72 2.05 0.00	30.09 1.87 0.00	34.02 1.97 0.00	35.40 1.99 0.00	34.99 1.86 0.00	31.08 1.58 0.00	30.39 1.47 0.00	33.33 1.23 0.00	31.09 1.18 0.00	30.36 1.25 0.00	30.73 1.39 0.00	30.78 1.45 0.00	30.56 1.12 0.00

MILLWOOD_13_KV_LOAD 356217	31.65 1.63 0.00	30.67 1.56 0.00	24.79 1.25 0.00	25.23 1.22 0.00	24.35 1.11 0.00	25.10 1.16 0.00	26.85 1.22 0.00	20.77 1.23 0.00	23.95 1.42 0.00	27.52 1.63 0.00	29.42 1.90 0.00	32.83 2.16 0.00	30.20 1.98 0.00	34.15 2.10 0.00	35.54 2.13 0.00	35.13 2.00 0.00	31.21 1.71 0.00	30.51 1.59 0.00	33.46 1.36 0.00	31.21 1.30 0.00	30.48 1.37 0.00	30.84 1.50 0.00	30.88 1.56 0.00	30.66 1.21 0.00
MODEL_CITY_ENERGY 24167	30.52 0.51 0.00	29.05 -0.06 0.00	23.41 -0.13 0.00	23.57 -0.44 0.00	22.72 -0.52 0.00	23.68 -0.26 0.00	25.46 -0.17 0.00	19.37 -0.17 0.00	22.44 -0.08 0.00	26.03 0.13 0.00	27.72 0.20 0.00	31.10 0.43 0.00	28.70 0.49 0.00	32.75 0.70 0.00	34.52 1.11 0.00	34.59 1.46 0.00	30.91 1.41 0.00	30.20 1.28 0.00	33.86 1.76 0.00	31.38 1.47 0.00	30.32 1.21 0.00	30.36 1.02 0.00	30.62 1.29 0.00	30.89 1.44 0.00
MODERN_LFGE_ 323580	30.52 0.51 0.00	29.05 -0.06 0.00	23.41 -0.13 0.00	23.57 -0.44 0.00	22.72 -0.52 0.00	23.68 -0.26 0.00	25.46 -0.17 0.00	19.37 -0.17 0.00	22.44 -0.08 0.00	26.03 0.13 0.00	27.72 0.20 0.00	31.10 0.43 0.00	28.70 0.49 0.00	32.75 0.70 0.00	34.52 1.11 0.00	34.59 1.46 0.00	30.91 1.41 0.00	30.20 1.28 0.00	33.86 1.76 0.00	31.38 1.47 0.00	30.32 1.21 0.00	30.36 1.02 0.00	30.62 1.29 0.00	30.89 1.44 0.00
MOHAWK_PAPER__DRP 24187	31.09 1.07 0.00	30.27 1.17 0.00	24.52 0.98 0.00	25.04 1.02 0.00	24.20 0.96 0.00	24.93 0.99 0.00	26.64 1.01 0.00	20.46 0.92 0.00	23.55 1.03 0.00	26.98 1.08 0.00	28.78 1.26 0.00	32.08 1.41 0.00	29.47 1.25 0.00	33.39 1.34 0.00	34.81 1.40 0.00	34.52 1.39 0.00	30.72 1.22 0.00	30.19 1.26 0.00	33.32 1.22 0.00	31.05 1.14 0.00	30.21 1.09 0.00	30.47 1.13 0.00	30.45 1.12 0.00	30.34 0.89 0.00
MOHICAN__35_KV_115KV_LD 80490	31.89 1.87 0.00	30.89 1.78 0.00	24.99 1.45 0.00	25.44 1.43 0.00	24.61 1.38 0.00	25.34 1.40 0.00	27.10 1.48 0.00	20.80 1.25 0.00	24.03 1.51 0.00	27.52 1.62 0.00	29.30 1.78 0.00	32.62 1.95 0.00	29.84 1.62 0.00	33.86 1.81 0.00	35.40 1.99 0.00	34.99 1.86 0.00	31.24 1.74 0.00	30.85 1.92 0.00	34.30 2.21 0.00	31.82 1.91 0.00	30.92 1.81 0.00	31.28 1.94 0.00	31.20 1.88 0.00	31.05 1.60 0.00
MONGAUP__HYD 23641	31.45 1.44 0.00	30.47 1.36 0.00	24.59 1.05 0.00	25.04 1.02 0.00	24.17 0.93 0.00	24.84 0.91 0.00	26.56 0.93 0.00	20.46 0.92 0.00	23.49 0.97 0.00	27.10 1.21 0.00	29.08 1.57 0.00	32.46 1.79 0.00	29.84 1.63 0.00	33.87 1.82 0.00	35.23 1.82 0.00	34.85 1.72 0.00	30.84 1.34 0.00	30.16 1.24 0.00	33.11 1.01 0.00	30.97 1.05 0.00	30.37 1.26 0.00	30.76 1.42 0.00	30.81 1.48 0.00	30.59 1.14 0.00
MONTAUK__DIESEL 23721	34.28 4.26 0.00	33.18 4.07 0.00	26.94 3.40 0.00	27.27 3.26 0.00	26.27 3.03 0.00	27.09 3.15 0.00	28.86 3.24 0.00	22.38 2.83 0.00	26.09 3.57 0.00	29.67 3.77 0.00	31.92 4.41 0.00	38.05 5.15 -2.23	49.25 4.90 -16.14	38.47 5.12 -1.31	38.68 5.27 0.00	38.27 5.14 0.00	33.49 3.99 0.00	32.79 3.87 0.00	35.82 3.72 0.00	33.14 3.23 0.00	32.25 3.14 0.00	33.44 4.10 0.00	33.23 3.91 0.00	32.66 3.22 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.80 1.78 0.00	30.34 1.23 0.00	24.29 0.75 0.00	24.53 0.52 0.00	23.67 0.43 0.00	24.68 0.74 0.00	26.58 0.95 0.00	20.35 0.81 0.00	23.63 1.11 0.00	27.44 1.54 0.00	29.25 1.73 0.00	32.84 2.17 0.00	30.20 1.98 0.00	34.52 2.47 0.00	36.39 2.98 0.00	36.34 3.21 0.00	32.40 2.90 0.00	31.70 2.78 0.00	35.54 3.45 0.00	32.92 3.00 0.00	31.77 2.65 0.00	31.82 2.49 0.00	31.96 2.64 0.00	32.09 2.64 0.00
MORTIMER_115KV_TB3 55949	30.71 0.69 0.00	29.40 0.29 0.00	23.67 0.14 0.00	23.94 -0.07 0.00	23.09 -0.15 0.00	23.99 0.05 0.00	25.75 0.13 0.00	19.67 0.13 0.00	22.74 0.22 0.00	26.37 0.47 0.00	28.10 0.59 0.00	31.50 0.83 0.00	29.07 0.86 0.00	33.16 1.11 0.00	34.86 1.44 0.00	34.87 1.74 0.00	31.14 1.64 0.00	30.52 1.60 0.00	34.14 2.05 0.00	31.70 1.79 0.00	30.69 1.57 0.00	30.75 1.41 0.00	30.84 1.51 0.00	30.91 1.46 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.82 1.81 0.00	30.84 1.73 0.00	24.93 1.39 0.00	25.36 1.35 0.00	24.46 1.22 0.00	25.21 1.27 0.00	26.97 1.35 0.00	20.89 1.35 0.00	24.09 1.57 0.00	27.69 1.78 0.00	29.60 2.09 0.00	33.01 2.34 0.00	30.38 2.16 0.00	34.29 2.23 0.00	35.66 2.25 0.00	35.20 2.07 0.00	31.27 1.77 0.00	30.58 1.66 0.00	33.45 1.36 0.00	31.23 1.32 0.00	30.53 1.42 0.00	30.93 1.59 0.00	30.99 1.67 0.00	30.77 1.32 0.00
MUNSVILLE_WIND_PWR 323609	32.45 2.43 0.00	31.29 2.18 0.00	25.18 1.65 0.00	25.63 1.62 0.00	24.79 1.56 0.00	25.65 1.72 0.00	27.49 1.87 0.00	21.04 1.49 0.00	24.41 1.89 0.00	28.05 2.15 0.00	29.79 2.27 0.00	33.25 2.58 0.00	30.58 2.36 0.00	34.73 2.68 0.00	36.36 2.94 0.00	35.66 2.53 0.00	31.96 2.45 0.00	31.50 2.58 0.00	35.37 3.28 0.00	33.18 3.27 0.00	32.31 3.20 0.00	32.42 3.08 0.00	32.27 2.94 0.00	32.17 2.72 0.00
N SALMON__HYD 24042	30.48 0.47 0.00	29.64 0.53 0.00	23.96 0.42 0.00	24.42 0.40 0.00	23.62 0.38 0.00	24.25 0.31 0.00	25.95 0.32 0.00	19.63 0.08 0.00	22.63 0.11 0.00	26.03 0.13 0.00	27.59 0.08 0.00	30.62 -0.05 0.00	28.19 -0.03 0.00	32.10 0.05 0.00	33.45 0.03 0.00	33.04 -0.09 0.00	29.53 0.03 0.00	29.03 0.11 0.00	32.29 0.19 0.00	30.07 0.15 0.00	29.28 0.16 0.00	29.50 0.16 0.00	29.53 0.21 0.00	29.96 0.51 0.00
N.AKRON__115KV_KNAPP 355671	31.21 1.20 0.00	29.71 0.60 0.00	23.91 0.37 0.00	24.08 0.07 0.00	23.21 -0.03 0.00	24.19 0.25 0.00	26.00 0.38 0.00	19.80 0.26 0.00	22.96 0.44 0.00	26.64 0.74 0.00	28.39 0.87 0.00	31.86 1.19 0.00	29.42 1.20 0.00	33.59 1.54 0.00	35.44 2.02 0.00	35.49 2.36 0.00	31.71 2.21 0.00	31.03 2.11 0.00	34.84 2.74 0.00	32.33 2.42 0.00	31.23 2.12 0.00	31.23 1.89 0.00	31.45 2.13 0.00	31.66 2.22 0.00
N.BELMOR_69_KV_BK1 55787	32.38 2.36 0.00	31.27 2.16 0.00	25.29 1.75 0.00	25.67 1.66 0.00	24.75 1.51 0.00	25.53 1.60 0.00	27.20 1.57 0.00	21.08 1.54 0.00	24.33 1.81 0.00	27.90 2.00 0.00	30.04 2.52 0.00	35.78 2.88 -2.23	47.02 2.67 -16.14	36.15 2.79 -1.31	36.14 2.72 0.00	35.67 2.54 0.00	31.33 1.83 0.00	30.64 1.71 0.00	33.51 1.41 0.00	31.22 1.30 0.00	30.57 1.46 0.00	31.11 1.77 0.00	31.26 1.93 0.00	30.92 1.47 0.00
N.E._GEN_SANDY PD 24062	30.58 1.08 0.52	30.33 1.22 0.00	24.60 1.06 0.00	25.10 1.08 0.00	24.25 1.01 0.00	24.97 1.03 0.00	26.70 1.07 0.00	21.94 1.03 -1.37	23.75 1.15 -0.07	27.10 1.20 0.00	28.92 1.40 0.00	32.19 1.52 0.00	29.50 1.28 0.00	33.55 1.31 -0.19	34.75 1.34 0.00	35.43 1.34 -0.96	30.64 1.14 0.00	30.03 1.11 0.00	33.00 0.90 0.00	30.75 0.84 0.00	30.36 0.90 -0.34	30.33 0.98 -0.01	30.45 1.02 -0.10	36.81 0.78 -6.58

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.41 1.40 0.00	30.44 1.33 0.00	24.60 1.05 0.00	25.05 1.03 0.00	24.17 0.93 0.00	24.92 0.98 0.00	26.67 1.04 0.00	20.63 1.09 0.00	23.79 1.27 0.00	27.33 1.43 0.00	29.23 1.71 0.00	32.63 1.95 0.00	30.01 1.79 0.00	33.97 1.92 0.00	35.36 1.95 0.00	34.94 1.81 0.00	31.06 1.56 0.00	30.37 1.45 0.00	33.30 1.21 0.00	31.06 1.15 0.00	30.33 1.22 0.00	30.69 1.35 0.00	30.73 1.40 0.00	30.49 1.05 0.00
N.QUEENS_27_KV_LOAD 356247	31.95 1.93 0.00	30.93 1.82 0.00	25.05 1.51 0.00	25.45 1.43 0.00	24.57 1.33 0.00	25.30 1.36 0.00	27.08 1.46 0.00	21.00 1.46 0.00	24.18 1.66 0.00	27.77 1.87 0.00	29.67 2.15 0.00	33.09 2.42 0.00	30.50 2.28 0.00	34.31 2.26 0.00	35.73 2.31 0.00	35.26 2.13 0.00	31.36 1.86 0.00	30.64 1.71 0.00	33.45 1.35 0.00	31.29 1.37 0.00	30.59 1.47 0.00	30.99 1.65 0.00	31.09 1.76 0.00	30.89 1.44 0.00
N.TROY___115KV_TB1 355778	31.14 1.12 0.00	30.35 1.24 0.00	24.59 1.05 0.00	25.12 1.10 0.00	24.28 1.04 0.00	25.01 1.07 0.00	26.73 1.10 0.00	20.51 0.97 0.00	23.63 1.11 0.00	27.05 1.15 0.00	28.84 1.33 0.00	32.11 1.44 0.00	29.42 1.21 0.00	33.30 1.25 0.00	34.72 1.31 0.00	34.43 1.30 0.00	30.63 1.13 0.00	30.09 1.17 0.00	33.20 1.10 0.00	30.94 1.02 0.00	30.11 1.00 0.00	30.43 1.09 0.00	30.44 1.12 0.00	30.34 0.90 0.00
NARROWS_GT1_1 24228	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
NARROWS_GT1_2 24229	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 0.00	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
NARROWS_GT1_3 24230	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
NARROWS_GT1_4 24231	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
NARROWS_GT1_5 24232	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
NARROWS_GT1_6 24233	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
NARROWS_GT1_7 24234	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
NARROWS_GT1_8 24235	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
NARROWS_GT2_1 24236	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
NARROWS_GT2_2 24237	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
NARROWS_GT2_3 24238	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
NARROWS_GT2_4 24239	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00

NARROWS_GT2_5 24240	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
NARROWS_GT2_6 24241	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
NARROWS_GT2_7 24242	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
NARROWS_GT2_8 24243	31.98 1.96 -0.01	30.99 1.88 -0.01	25.07 1.53 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.22 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.04 1.70 0.00	31.09 1.77 0.00	30.88 1.43 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.32 1.30 0.00	30.61 1.50 0.00	24.81 1.27 0.00	25.34 1.33 0.00	24.51 1.27 0.00	25.25 1.31 0.00	26.98 1.36 0.00	20.74 1.20 0.00	23.88 1.36 0.00	27.41 1.51 0.00	29.17 1.66 0.00	32.40 1.73 0.00	29.70 1.48 0.00	33.63 1.57 0.00	35.18 1.76 0.00	34.91 1.78 0.00	31.04 1.54 0.00	30.57 1.65 0.00	33.89 1.80 0.00	31.68 1.76 0.00	30.84 1.73 0.00	31.75 2.42 0.00	31.57 2.25 0.00	31.38 1.93 0.00
NCHELSEA_115KV_TR2 355582	31.78 1.76 0.00	30.80 1.69 0.00	24.90 1.36 0.00	25.35 1.34 0.00	24.47 1.23 0.00	25.22 1.28 0.00	26.98 1.35 0.00	20.84 1.29 0.00	24.04 1.52 0.00	27.63 1.73 0.00	29.54 2.03 0.00	32.97 2.30 0.00	30.35 2.13 0.00	34.35 2.30 0.00	35.82 2.41 0.00	35.42 2.29 0.00	31.43 1.93 0.00	30.78 1.85 0.00	33.84 1.75 0.00	31.55 1.64 0.00	30.79 1.68 0.00	31.09 1.75 0.00	31.10 1.77 0.00	30.89 1.45 0.00
NEG CAPITAL___MECHNVIL 23645	31.71 1.69 0.00	30.81 1.70 0.00	24.93 1.39 0.00	25.44 1.42 0.00	24.59 1.35 0.00	25.33 1.39 0.00	27.08 1.46 0.00	20.79 1.25 0.00	24.00 1.48 0.00	27.51 1.61 0.00	29.31 1.80 0.00	32.68 2.01 0.00	29.97 1.75 0.00	33.97 1.92 0.00	35.46 2.04 0.00	35.14 2.00 0.00	31.30 1.79 0.00	30.78 1.86 0.00	34.07 1.98 0.00	31.71 1.80 0.00	30.80 1.69 0.00	31.10 1.76 0.00	31.06 1.73 0.00	30.94 1.49 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.06 0.04 0.00	28.82 -0.29 0.00	23.21 -0.33 0.00	23.51 -0.50 0.00	22.69 -0.55 0.00	23.54 -0.40 0.00	25.24 -0.39 0.00	19.29 -0.25 0.00	22.33 -0.19 0.00	25.86 -0.04 0.00	27.60 0.08 0.00	30.91 0.24 0.00	28.53 0.32 0.00	32.51 0.46 0.00	34.12 0.70 0.00	34.06 0.93 0.00	30.43 0.93 0.00	29.86 0.93 0.00	33.37 1.27 0.00	31.00 1.09 0.00	30.01 0.90 0.00	30.08 0.74 0.00	30.09 0.77 0.00	30.12 0.67 0.00
NEG CENTRAL___DRP 24199	30.44 0.43 0.00	29.32 0.21 0.00	23.68 0.14 0.00	24.05 0.04 0.00	23.24 0.00 0.00	24.04 0.10 0.00	25.76 0.13 0.00	19.72 0.18 0.00	22.78 0.26 0.00	26.26 0.36 0.00	27.96 0.44 0.00	31.26 0.59 0.00	28.76 0.54 0.00	32.76 0.71 0.00	34.35 0.93 0.00	34.05 0.92 0.00	30.36 0.86 0.00	29.85 0.93 0.00	33.36 1.26 0.00	31.09 1.17 0.00	30.16 1.05 0.00	30.31 0.97 0.00	30.25 0.92 0.00	30.23 0.78 0.00
NEG CENTRAL___INDECK 23768	31.87 1.85 0.00	30.46 1.35 0.00	24.48 0.94 0.00	24.75 0.73 0.00	23.88 0.64 0.00	24.81 0.87 0.00	26.66 1.04 0.00	20.34 0.79 0.00	23.35 0.83 0.00	27.07 1.18 0.00	28.80 1.29 0.00	32.20 1.53 0.00	29.70 1.48 0.00	33.90 1.85 0.00	35.56 2.15 0.00	35.47 2.34 0.00	31.63 2.13 0.00	31.07 2.15 0.00	34.99 2.90 0.00	32.65 2.73 0.00	31.93 2.81 0.00	32.11 2.77 0.00	32.15 2.82 0.00	32.15 2.71 0.00
NEG CENTRAL___SENECA 23627	30.64 0.62 0.00	29.47 0.36 0.00	23.80 0.26 0.00	24.13 0.12 0.00	23.32 0.08 0.00	24.16 0.22 0.00	25.90 0.28 0.00	19.84 0.29 0.00	22.95 0.43 0.00	26.46 0.56 0.00	28.19 0.68 0.00	31.52 0.85 0.00	29.00 0.79 0.00	33.07 1.02 0.00	34.71 1.30 0.00	34.40 1.26 0.00	30.68 1.18 0.00	30.17 1.25 0.00	33.80 1.71 0.00	31.48 1.57 0.00	30.51 1.40 0.00	30.65 1.31 0.00	30.60 1.27 0.00	30.56 1.11 0.00
NEG CENTRAL___STATE_STREET 24147	30.67 0.65 0.00	29.59 0.48 0.00	23.90 0.36 0.00	24.35 0.33 0.00	23.51 0.27 0.00	24.30 0.36 0.00	25.95 0.33 0.00	19.86 0.32 0.00	22.90 0.37 0.00	26.39 0.49 0.00	27.91 0.40 0.00	31.20 0.53 0.00	28.69 0.48 0.00	32.67 0.62 0.00	34.18 0.77 0.00	34.05 0.92 0.00	30.37 0.87 0.00	29.85 0.93 0.00	33.30 1.20 0.00	31.03 1.12 0.00	30.14 1.02 0.00	30.29 0.95 0.00	30.22 0.89 0.00	30.20 0.75 0.00
NEG MILLWOOD___DRP 24198	31.89 1.88 0.00	30.91 1.80 0.00	24.99 1.45 0.00	25.43 1.42 0.00	24.53 1.29 0.00	25.29 1.35 0.00	27.05 1.43 0.00	20.91 1.37 0.00	24.13 1.61 0.00	27.75 1.85 0.00	29.69 2.18 0.00	33.14 2.47 0.00	30.52 2.30 0.00	34.54 2.49 0.00	35.99 2.58 0.00	35.62 2.49 0.00	31.60 2.10 0.00	30.90 1.98 0.00	33.95 1.86 0.00	31.65 1.73 0.00	30.88 1.76 0.00	31.19 1.85 0.00	31.19 1.87 0.00	30.96 1.51 0.00
NEG NORTH_FLCN_SEA 23793	30.70 0.68 0.00	29.88 0.77 0.00	24.16 0.62 0.00	24.64 0.63 0.00	23.84 0.60 0.00	24.51 0.57 0.00	26.23 0.60 0.00	19.89 0.34 0.00	22.92 0.40 0.00	26.26 0.36 0.00	27.84 0.32 0.00	30.96 0.29 0.00	28.40 0.18 0.00	32.36 0.31 0.00	33.70 0.29 0.00	33.46 0.33 0.00	29.89 0.39 0.00	29.42 0.50 0.00	32.67 0.57 0.00	30.36 0.45 0.00	29.58 0.46 0.00	29.81 0.46 0.00	29.78 0.45 0.00	30.10 0.65 0.00
NEG NORTH_KES_CHATEGAY 23792	30.27 0.25 0.00	29.47 0.35 0.00	23.83 0.29 0.00	24.30 0.29 0.00	23.54 0.30 0.00	24.21 0.27 0.00	25.92 0.29 0.00	19.62 0.08 0.00	22.60 0.08 0.00	25.97 0.07 0.00	27.47 -0.05 0.00	30.53 -0.14 0.00	28.07 -0.15 0.00	31.98 -0.08 0.00	33.28 -0.13 0.00	32.92 -0.22 0.00	29.39 -0.12 0.00	28.93 0.01 0.00	32.16 0.06 0.00	29.96 0.04 0.00	29.17 0.06 0.00	29.39 0.05 0.00	29.37 0.04 0.00	29.73 0.28 0.00

NEG NORTH___ALICE_FALLS 23915	30.75 0.73 0.00	29.91 0.80 0.00	24.18 0.64 0.00	24.65 0.63 0.00	23.85 0.61 0.00	24.53 0.59 0.00	26.25 0.62 0.00	19.90 0.36 0.00	22.95 0.42 0.00	26.28 0.38 0.00	27.91 0.40 0.00	31.04 0.38 0.00	28.48 0.26 0.00	32.49 0.44 0.00	33.82 0.41 0.00	33.53 0.40 0.00	30.00 0.49 0.00	29.51 0.59 0.00	32.79 0.69 0.00	30.48 0.57 0.00	29.68 0.57 0.00	29.91 0.57 0.00	29.86 0.54 0.00	30.17 0.73 0.00
NEG NORTH___LWR_SARANAC 23913	30.75 0.73 0.00	29.91 0.80 0.00	24.18 0.64 0.00	24.65 0.63 0.00	23.85 0.61 0.00	24.53 0.59 0.00	26.25 0.62 0.00	19.90 0.36 0.00	22.95 0.42 0.00	26.28 0.38 0.00	27.91 0.40 0.00	31.04 0.38 0.00	28.48 0.26 0.00	32.49 0.44 0.00	33.82 0.41 0.00	33.53 0.40 0.00	30.00 0.49 0.00	29.51 0.59 0.00	32.79 0.69 0.00	30.48 0.57 0.00	29.68 0.57 0.00	29.91 0.57 0.00	29.86 0.54 0.00	30.17 0.73 0.00
NEG NORTH___PLATTSBURG 23628	30.75 0.73 0.00	29.91 0.80 0.00	24.18 0.64 0.00	24.65 0.63 0.00	23.85 0.61 0.00	24.53 0.59 0.00	26.25 0.62 0.00	19.90 0.36 0.00	22.95 0.42 0.00	26.28 0.38 0.00	27.91 0.40 0.00	31.04 0.38 0.00	28.48 0.26 0.00	32.49 0.44 0.00	33.82 0.41 0.00	33.53 0.40 0.00	30.00 0.49 0.00	29.51 0.59 0.00	32.79 0.69 0.00	30.48 0.57 0.00	29.68 0.57 0.00	29.91 0.57 0.00	29.86 0.54 0.00	30.17 0.73 0.00
NEG WEST_LEA_LOCKPORT 23791	30.82 0.80 0.00	29.34 0.23 0.00	23.62 0.09 0.00	23.79 -0.23 0.00	22.93 -0.31 0.00	23.91 -0.03 0.00	25.71 0.08 0.00	19.58 0.03 0.00	22.69 0.16 0.00	26.32 0.42 0.00	28.03 0.52 0.00	31.45 0.78 0.00	29.03 0.81 0.00	33.13 1.08 0.00	34.92 1.50 0.00	34.99 1.86 0.00	31.24 1.74 0.00	30.53 1.61 0.00	34.25 2.16 0.00	31.74 1.83 0.00	30.67 1.55 0.00	30.69 1.35 0.00	30.97 1.65 0.00	31.21 1.76 0.00
NEG WEST___LANCASTR 23811	30.96 0.95 0.00	29.57 0.46 0.00	23.73 0.19 0.00	23.96 -0.05 0.00	23.11 -0.13 0.00	24.09 0.15 0.00	25.92 0.29 0.00	19.81 0.27 0.00	22.96 0.43 0.00	26.64 0.74 0.00	28.38 0.86 0.00	31.82 1.15 0.00	29.29 1.08 0.00	33.45 1.40 0.00	35.22 1.80 0.00	35.21 2.08 0.00	31.39 1.89 0.00	30.70 1.78 0.00	34.41 2.31 0.00	31.88 1.97 0.00	30.81 1.69 0.00	30.90 1.56 0.00	31.12 1.79 0.00	31.24 1.80 0.00
NEG_PENN_ALLEGHNY 23528	30.58 0.56 0.00	29.51 0.40 0.00	23.77 0.23 0.00	24.20 0.19 0.00	23.40 0.16 0.00	24.18 0.24 0.00	25.92 0.29 0.00	19.88 0.33 0.00	22.96 0.44 0.00	26.46 0.56 0.00	28.15 0.64 0.00	31.45 0.78 0.00	28.89 0.67 0.00	32.88 0.82 0.00	34.39 0.98 0.00	34.10 0.97 0.00	30.36 0.86 0.00	29.78 0.85 0.00	33.15 1.06 0.00	30.89 0.97 0.00	29.99 0.88 0.00	30.22 0.88 0.00	30.21 0.88 0.00	30.19 0.74 0.00
NEG___GEN_MONROE 24207	31.03 1.01 0.00	29.59 0.48 0.00	23.84 0.30 0.00	24.09 0.07 0.00	23.23 -0.01 0.00	24.15 0.21 0.00	25.92 0.30 0.00	19.84 0.29 0.00	22.89 0.37 0.00	26.50 0.60 0.00	28.28 0.77 0.00	31.72 1.05 0.00	29.30 1.09 0.00	33.43 1.38 0.00	35.17 1.75 0.00	35.11 1.98 0.00	31.48 1.97 0.00	30.80 1.88 0.00	34.45 2.35 0.00	32.06 2.14 0.00	30.99 1.88 0.00	30.98 1.64 0.00	31.13 1.80 0.00	31.31 1.86 0.00
NEPA___ENERGY 23901	30.98 0.96 0.00	29.64 0.53 0.00	23.71 0.17 0.00	23.99 -0.02 0.00	23.16 -0.08 0.00	24.11 0.17 0.00	25.97 0.34 0.00	19.88 0.34 0.00	23.04 0.52 0.00	26.73 0.82 0.00	28.37 0.86 0.00	31.84 1.17 0.00	29.23 1.01 0.00	33.42 1.37 0.00	35.25 1.84 0.00	35.12 1.99 0.00	31.30 1.79 0.00	30.60 1.68 0.00	34.32 2.22 0.00	31.82 1.91 0.00	30.74 1.63 0.00	30.89 1.55 0.00	31.06 1.73 0.00	31.16 1.71 0.00
NEVERSINK___HYD 23608	31.14 1.13 0.00	30.12 1.01 0.00	24.30 0.76 0.00	24.73 0.72 0.00	23.88 0.64 0.00	24.61 0.67 0.00	26.33 0.70 0.00	20.32 0.77 0.00	23.46 0.94 0.00	27.01 1.12 0.00	28.85 1.34 0.00	32.23 1.56 0.00	29.65 1.43 0.00	33.48 1.43 0.00	34.09 0.68 0.00	33.57 0.43 0.00	29.89 0.39 0.00	29.39 0.47 0.00	32.38 0.28 0.00	30.33 0.42 0.00	30.29 1.18 0.00	30.50 1.16 0.00	30.47 1.15 0.00	30.27 0.82 0.00
NEWKRMKL_115KV_TB1 55635	30.60 0.58 0.00	29.84 0.73 0.00	24.18 0.64 0.00	24.69 0.68 0.00	23.87 0.63 0.00	24.58 0.64 0.00	26.27 0.64 0.00	20.21 0.66 0.00	23.23 0.71 0.00	26.62 0.72 0.00	28.40 0.89 0.00	31.66 0.99 0.00	29.07 0.86 0.00	32.92 0.87 0.00	34.32 0.90 0.00	34.02 0.88 0.00	30.25 0.75 0.00	29.69 0.77 0.00	32.72 0.63 0.00	30.51 0.59 0.00	29.71 0.59 0.00	29.97 0.63 0.00	29.97 0.64 0.00	29.86 0.41 0.00
NEWTON___FALLS_HYD 23847	30.25 0.23 0.00	29.33 0.21 0.00	23.69 0.15 0.00	24.12 0.11 0.00	23.28 0.04 0.00	23.83 -0.11 0.00	25.46 -0.17 0.00	19.18 -0.36 0.00	22.07 -0.45 0.00	25.42 -0.47 0.00	26.93 -0.58 0.00	29.81 -0.85 0.00	27.48 -0.74 0.00	31.18 -0.87 0.00	32.48 -0.94 0.00	32.08 -1.05 0.00	28.79 -0.72 0.00	28.21 -0.71 0.00	31.52 -0.57 0.00	29.37 -0.54 0.00	28.66 -0.45 0.00	28.84 -0.50 0.00	28.97 -0.36 0.00	29.38 -0.07 0.00
NGRID_A1_DSASP 323792	30.55 0.53 0.00	29.11 0.00 0.00	23.39 -0.14 0.00	23.55 -0.46 0.00	22.69 -0.55 0.00	23.71 -0.23 0.00	25.50 -0.12 0.00	19.42 -0.13 0.00	22.48 -0.04 0.00	26.10 0.20 0.00	27.79 0.28 0.00	30.99 0.32 0.00	28.61 0.39 0.00	32.61 0.56 0.00	34.36 0.94 0.00	34.40 1.26 0.00	30.60 1.10 0.00	29.90 0.98 0.00	33.49 1.39 0.00	31.02 1.11 0.00	30.01 0.89 0.00	30.02 0.68 0.00	30.46 1.13 0.00	30.76 1.31 0.00
NGRID_A2_DSASP 323793	30.55 0.53 0.00	29.11 0.00 0.00	23.39 -0.14 0.00	23.55 -0.46 0.00	22.69 -0.55 0.00	23.71 -0.23 0.00	25.50 -0.12 0.00	19.42 -0.13 0.00	22.48 -0.04 0.00	26.10 0.20 0.00	27.79 0.28 0.00	30.99 0.32 0.00	28.61 0.39 0.00	32.61 0.56 0.00	34.36 0.94 0.00	34.40 1.26 0.00	30.60 1.10 0.00	29.90 0.98 0.00	33.49 1.39 0.00	31.02 1.11 0.00	30.01 0.89 0.00	30.02 0.68 0.00	30.46 1.13 0.00	30.76 1.31 0.00
NGRID_A4_DSASP 323807	30.55 0.53 0.00	29.10 -0.01 0.00	23.40 -0.14 0.00	23.56 -0.46 0.00	22.69 -0.55 0.00	23.71 -0.23 0.00	25.50 -0.12 0.00	19.42 -0.13 0.00	22.49 -0.03 0.00	26.10 0.20 0.00	27.79 0.28 0.00	30.99 0.32 0.00	28.60 0.39 0.00	32.61 0.56 0.00	34.36 0.94 0.00	34.40 1.27 0.00	30.60 1.10 0.00	29.89 0.97 0.00	33.49 1.39 0.00	31.02 1.11 0.00	30.01 0.89 0.00	30.02 0.68 0.00	30.46 1.13 0.00	30.76 1.31 0.00
NIAGARA_115E_LBMP 323715	30.36 0.34 0.00	28.89 -0.22 0.00	23.30 -0.24 0.00	23.46 -0.56 0.00	22.60 -0.63 0.00	23.55 -0.39 0.00	25.33 -0.30 0.00	19.26 -0.28 0.00	22.31 -0.21 0.00	25.88 -0.02 0.00	27.54 0.03 0.00	30.90 0.23 0.00	28.52 0.31 0.00	32.54 0.49 0.00	34.30 0.88 0.00	34.39 1.26 0.00	30.72 1.22 0.00	30.00 1.08 0.00	33.64 1.55 0.00	31.18 1.27 0.00	30.13 1.02 0.00	30.16 0.82 0.00	30.43 1.10 0.00	30.71 1.26 0.00

NIAGARA_115W_LBMP 323714	30.50 0.48 0.00	29.06 -0.05 0.00	23.36 -0.18 0.00	23.51 -0.50 0.00	22.66 -0.58 0.00	23.67 -0.27 0.00	25.46 -0.17 0.00	19.38 -0.16 0.00	22.45 -0.07 0.00	26.05 0.16 0.00	27.74 0.23 0.00	30.91 0.24 0.00	28.54 0.32 0.00	32.53 0.48 0.00	34.27 0.86 0.00	34.31 1.18 0.00	30.51 1.01 0.00	29.82 0.89 0.00	33.39 1.29 0.00	30.93 1.02 0.00	29.93 0.81 0.00	29.94 0.60 0.00	30.39 1.06 0.00	30.69 1.24 0.00
NIAGARA_230_LBMP 323716	30.49 0.47 0.00	29.07 -0.04 0.00	23.37 -0.17 0.00	23.54 -0.47 0.00	22.69 -0.55 0.00	23.69 -0.25 0.00	25.48 -0.15 0.00	19.40 -0.14 0.00	22.46 -0.05 0.00	26.06 0.17 0.00	27.76 0.25 0.00	31.09 0.42 0.00	28.68 0.46 0.00	32.69 0.64 0.00	34.44 1.03 0.00	34.53 1.39 0.00	30.79 1.29 0.00	30.10 1.18 0.00	33.73 1.64 0.00	31.25 1.34 0.00	30.21 1.10 0.00	30.26 0.92 0.00	30.56 1.24 0.00	30.81 1.36 0.00
NIAGARA__115KV_198_GIBSON 55903	30.49 0.48 0.00	29.05 -0.06 0.00	23.37 -0.17 0.00	23.52 -0.50 0.00	22.66 -0.58 0.00	23.67 -0.26 0.00	25.46 -0.17 0.00	19.39 -0.16 0.00	22.45 -0.07 0.00	26.05 0.16 0.00	27.74 0.23 0.00	30.91 0.24 0.00	28.53 0.31 0.00	32.53 0.48 0.00	34.27 0.86 0.00	34.31 1.18 0.00	30.51 1.01 0.00	29.81 0.88 0.00	33.40 1.30 0.00	30.93 1.02 0.00	29.93 0.81 0.00	29.94 0.60 0.00	30.39 1.06 0.00	30.69 1.24 0.00
NIAGARA____ 23760	30.42 0.40 0.00	28.97 -0.14 0.00	23.33 -0.20 0.00	23.50 -0.52 0.00	22.65 -0.59 0.00	23.62 -0.32 0.00	25.40 -0.22 0.00	19.35 -0.19 0.00	22.41 -0.11 0.00	26.01 0.11 0.00	27.70 0.18 0.00	31.00 0.33 0.00	28.60 0.39 0.00	32.62 0.57 0.00	34.37 0.95 0.00	34.44 1.31 0.00	30.70 1.20 0.00	29.99 1.07 0.00	33.62 1.52 0.00	31.14 1.23 0.00	30.11 1.00 0.00	30.15 0.80 0.00	30.46 1.13 0.00	30.72 1.27 0.00
NINE_MILE_1 23575	29.17 -0.85 0.00	28.19 -0.91 0.00	22.78 -0.75 0.00	23.21 -0.81 0.00	22.44 -0.80 0.00	23.16 -0.78 0.00	24.79 -0.83 0.00	18.97 -0.58 0.00	21.85 -0.67 0.00	25.16 -0.74 0.00	26.77 -0.74 0.00	29.89 -0.78 0.00	27.52 -0.70 0.00	31.28 -0.78 0.00	32.65 -0.76 0.00	32.39 -0.75 0.00	28.86 -0.65 0.00	28.31 -0.61 0.00	31.46 -0.63 0.00	29.31 -0.60 0.00	28.49 -0.62 0.00	28.68 -0.66 0.00	28.68 -0.65 0.00	28.73 -0.72 0.00
NINE_MILE_2 23744	29.17 -0.85 0.00	28.19 -0.91 0.00	22.79 -0.75 0.00	23.21 -0.81 0.00	22.44 -0.80 0.00	23.16 -0.78 0.00	24.80 -0.83 0.00	18.97 -0.58 0.00	21.85 -0.67 0.00	25.16 -0.74 0.00	26.77 -0.74 0.00	29.89 -0.78 0.00	27.52 -0.70 0.00	31.28 -0.78 0.00	32.65 -0.76 0.00	32.38 -0.75 0.00	28.85 -0.65 0.00	28.31 -0.61 0.00	31.46 -0.64 0.00	29.31 -0.60 0.00	28.49 -0.62 0.00	28.68 -0.66 0.00	28.68 -0.65 0.00	28.73 -0.72 0.00
NM_CAPITAL____DRP 24208	30.67 0.65 0.00	29.92 0.81 0.00	24.25 0.71 0.00	24.77 0.75 0.00	23.94 0.70 0.00	24.66 0.72 0.00	26.35 0.72 0.00	20.25 0.71 0.00	23.29 0.77 0.00	26.67 0.78 0.00	28.45 0.93 0.00	31.70 1.03 0.00	29.09 0.88 0.00	32.93 0.88 0.00	34.32 0.91 0.00	34.04 0.91 0.00	30.27 0.77 0.00	29.72 0.79 0.00	32.74 0.65 0.00	30.52 0.61 0.00	29.72 0.61 0.00	30.00 0.66 0.00	30.02 0.69 0.00	29.91 0.46 0.00
NM_CENTRAL____DRP 24181	29.80 -0.22 0.00	28.77 -0.34 0.00	23.26 -0.28 0.00	23.68 -0.33 0.00	22.89 -0.34 0.00	23.65 -0.30 0.00	25.32 -0.31 0.00	19.38 -0.17 0.00	22.35 -0.17 0.00	25.75 -0.15 0.00	27.42 -0.09 0.00	30.64 -0.03 0.00	28.22 0.01 0.00	32.09 0.04 0.00	33.53 0.12 0.00	33.27 0.13 0.00	29.65 0.14 0.00	29.08 0.16 0.00	32.35 0.26 0.00	30.13 0.21 0.00	29.27 0.15 0.00	29.45 0.11 0.00	29.41 0.09 0.00	29.41 -0.04 0.00
NM_FRONTIER____DRP 24179	30.49 0.48 0.00	29.05 -0.06 0.00	23.37 -0.17 0.00	23.52 -0.50 0.00	22.66 -0.58 0.00	23.67 -0.26 0.00	25.46 -0.17 0.00	19.39 -0.16 0.00	22.45 -0.07 0.00	26.05 0.16 0.00	27.74 0.23 0.00	30.91 0.24 0.00	28.53 0.31 0.00	32.53 0.48 0.00	34.27 0.86 0.00	34.31 1.18 0.00	30.51 1.01 0.00	29.81 0.88 0.00	33.40 1.30 0.00	30.93 1.02 0.00	29.93 0.81 0.00	29.94 0.60 0.00	30.39 1.06 0.00	30.69 1.24 0.00
NM_ST_REGIS____HYD 24053	30.22 0.21 0.00	29.40 0.29 0.00	23.76 0.22 0.00	24.21 0.20 0.00	23.37 0.13 0.00	23.86 -0.08 0.00	25.47 -0.16 0.00	19.15 -0.39 0.00	22.07 -0.45 0.00	25.40 -0.50 0.00	26.89 -0.62 0.00	29.80 -0.87 0.00	27.46 -0.76 0.00	31.25 -0.80 0.00	32.55 -0.86 0.00	32.17 -0.96 0.00	28.75 -0.75 0.00	28.22 -0.70 0.00	31.44 -0.66 0.00	29.28 -0.63 0.00	28.53 -0.58 0.00	28.83 -0.51 0.00	29.04 -0.29 0.00	29.64 0.19 0.00
NORTHPORT____1 23551	32.30 2.28 0.00	31.23 2.12 0.00	25.30 1.76 0.00	25.70 1.69 0.00	24.79 1.55 0.00	25.60 1.66 0.00	27.23 1.61 0.00	21.13 1.59 0.00	24.42 1.90 0.00	27.91 2.02 0.00	30.01 2.49 0.00	35.72 2.82 -2.23	46.95 2.60 -16.14	36.18 2.82 -1.31	36.02 2.60 0.00	35.57 2.44 0.00	31.11 1.61 0.00	30.38 1.46 0.00	33.23 1.13 0.00	30.88 0.97 0.00	30.24 1.13 0.00	30.73 1.40 0.00	30.98 1.66 0.00	30.65 1.21 0.00
NORTHPORT____2 23552	32.30 2.28 0.00	31.23 2.12 0.00	25.30 1.76 0.00	25.70 1.69 0.00	24.79 1.55 0.00	25.60 1.66 0.00	27.23 1.61 0.00	21.13 1.59 0.00	24.42 1.90 0.00	27.91 2.02 0.00	30.01 2.49 0.00	35.72 2.82 -2.23	46.95 2.60 -16.14	36.18 2.82 -1.31	36.02 2.60 0.00	35.57 2.44 0.00	31.11 1.61 0.00	30.38 1.46 0.00	33.23 1.13 0.00	30.88 0.97 0.00	30.24 1.13 0.00	30.73 1.40 0.00	30.98 1.66 0.00	30.65 1.21 0.00
NORTHPORT____3 23553	32.06 2.04 0.00	31.00 1.89 0.00	25.09 1.55 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.37 1.43 0.00	27.00 1.38 0.00	20.95 1.40 0.00	24.18 1.65 0.00	27.69 1.80 0.00	29.84 2.33 0.00	35.52 2.62 -2.23	46.77 2.42 -16.14	35.99 2.63 -1.31	35.83 2.42 0.00	35.42 2.29 0.00	30.94 1.43 0.00	30.23 1.31 0.00	33.05 0.96 0.00	30.72 0.81 0.00	30.08 0.97 0.00	30.54 1.20 0.00	30.78 1.45 0.00	30.48 1.03 0.00
NORTHPORT____4 23650	32.06 2.04 0.00	31.00 1.89 0.00	25.09 1.55 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.37 1.43 0.00	27.00 1.38 0.00	20.95 1.40 0.00	24.18 1.65 0.00	27.69 1.80 0.00	29.84 2.33 0.00	35.52 2.62 -2.23	46.77 2.42 -16.14	35.99 2.63 -1.31	35.83 2.42 0.00	35.42 2.29 0.00	30.94 1.43 0.00	30.23 1.31 0.00	33.05 0.96 0.00	30.72 0.81 0.00	30.08 0.97 0.00	30.54 1.20 0.00	30.78 1.45 0.00	30.48 1.03 0.00
NORTHPORT____IC 23718	32.30 2.28 0.00	31.23 2.12 0.00	25.30 1.76 0.00	25.70 1.69 0.00	24.79 1.55 0.00	25.60 1.66 0.00	27.23 1.61 0.00	21.13 1.59 0.00	24.42 1.90 0.00	27.91 2.02 0.00	30.01 2.49 0.00	35.72 2.82 -2.23	46.95 2.60 -16.14	36.18 2.82 -1.31	36.02 2.60 0.00	35.57 2.44 0.00	31.11 1.61 0.00	30.38 1.46 0.00	33.23 1.13 0.00	30.88 0.97 0.00	30.24 1.13 0.00	30.73 1.40 0.00	30.98 1.66 0.00	30.65 1.21 0.00

NORTH____COUNTRY_ESR 323785	30.21 0.20 0.00	29.41 0.29 0.00	23.79 0.25 0.00	24.26 0.25 0.00	23.50 0.26 0.00	24.17 0.23 0.00	25.88 0.25 0.00	19.58 0.03 0.00	22.56 0.04 0.00	25.91 0.01 0.00	27.42 -0.10 0.00	30.47 -0.20 0.00	28.01 -0.20 0.00	31.91 -0.14 0.00	33.21 -0.20 0.00	32.86 -0.27 0.00	29.34 -0.16 0.00	28.88 -0.05 0.00	32.10 0.01 0.00	29.89 -0.03 0.00	29.10 -0.02 0.00	29.31 -0.03 0.00	29.30 -0.03 0.00	29.67 0.22 0.00
NPX_GEN_1385_PROXY 323591	31.46 1.44 0.00	30.72 1.61 0.00	24.88 1.34 0.00	25.45 1.44 0.00	24.70 1.46 0.00	25.65 1.74 0.04	27.09 1.46 0.00	21.14 1.59 0.00	24.49 1.97 0.00	27.62 1.73 0.00	29.32 1.81 0.00	34.84 1.95 -2.23	46.13 1.78 -16.14	35.24 1.89 -1.31	35.04 1.62 0.00	34.46 1.33 0.00	30.66 1.16 0.00	30.10 1.18 0.00	33.11 1.01 0.00	30.43 0.52 0.00	29.68 0.57 0.00	29.97 0.63 0.00	30.24 0.91 0.00	29.61 0.17 0.00
NPX_GEN_CSC 323557	32.62 2.60 0.00	31.46 2.36 0.00	25.66 2.12 0.00	26.00 1.99 0.00	25.06 1.82 0.00	25.83 1.92 0.04	27.52 1.89 0.00	21.32 1.77 0.00	24.73 2.21 0.00	28.21 2.31 0.00	30.33 2.82 0.00	36.15 3.26 -2.23	47.39 3.03 -16.14	36.65 3.30 -1.31	36.55 3.13 0.00	36.07 2.94 0.00	31.51 2.01 0.00	30.84 1.92 0.00	33.70 1.60 0.00	31.34 1.43 0.00	30.59 1.48 0.00	31.16 1.82 0.00	31.30 1.98 0.00	30.88 1.43 0.00
NSINS_S_GLNS_FALLS 23858	31.86 1.84 0.00	30.86 1.75 0.00	24.95 1.42 0.00	25.42 1.40 0.00	24.60 1.36 0.00	25.32 1.38 0.00	27.07 1.45 0.00	20.78 1.23 0.00	24.02 1.49 0.00	27.50 1.60 0.00	29.26 1.74 0.00	32.60 1.93 0.00	29.81 1.60 0.00	33.85 1.80 0.00	35.39 1.98 0.00	34.95 1.82 0.00	31.20 1.69 0.00	30.80 1.88 0.00	34.26 2.17 0.00	31.79 1.88 0.00	30.89 1.78 0.00	31.25 1.91 0.00	31.18 1.85 0.00	31.02 1.57 0.00
NUCOR_STEEL____DRP 24197	30.47 0.46 0.00	29.38 0.26 0.00	23.72 0.18 0.00	24.17 0.16 0.00	23.34 0.10 0.00	24.13 0.19 0.00	25.74 0.11 0.00	19.70 0.16 0.00	22.73 0.21 0.00	26.18 0.28 0.00	27.85 0.34 0.00	31.16 0.49 0.00	28.65 0.43 0.00	32.61 0.56 0.00	34.09 0.68 0.00	33.80 0.66 0.00	30.13 0.63 0.00	29.60 0.68 0.00	33.00 0.91 0.00	30.76 0.85 0.00	29.88 0.77 0.00	30.04 0.69 0.00	29.98 0.66 0.00	29.96 0.51 0.00
NUMBER_THREE_WT_PWR 323818	30.54 0.53 0.00	29.54 0.43 0.00	23.84 0.30 0.00	24.28 0.26 0.00	23.45 0.20 0.00	24.10 0.17 0.00	25.78 0.15 0.00	19.54 0.00 0.00	22.46 -0.06 0.00	25.88 -0.02 0.00	27.51 0.00 0.00	30.51 -0.16 0.00	28.07 -0.14 0.00	31.80 -0.25 0.00	33.11 -0.31 0.00	32.62 -0.51 0.00	29.33 -0.17 0.00	28.70 -0.23 0.00	32.13 0.04 0.00	29.91 0.00 0.00	29.16 0.05 0.00	29.20 -0.14 0.00	29.21 -0.12 0.00	29.39 -0.05 0.00
NYISO_LBMP_REFERENCE 24008	30.02 0.00 0.00	29.11 0.00 0.00	23.54 0.00 0.00	24.01 0.00 0.00	23.24 0.00 0.00	23.94 0.00 0.00	25.62 0.00 0.00	19.54 0.00 0.00	22.52 0.00 0.00	25.90 0.00 0.00	27.51 0.00 0.00	30.67 0.00 0.00	28.21 0.00 0.00	32.05 0.00 0.00	33.41 0.00 0.00	33.13 0.00 0.00	29.50 0.00 0.00	28.92 0.00 0.00	32.10 0.00 0.00	29.92 0.00 0.00	29.11 0.00 0.00	29.34 0.00 0.00	29.33 0.00 0.00	29.45 0.00 0.00
NYPA_BRENTWD____GT 24164	32.85 2.83 0.00	31.69 2.58 0.00	25.66 2.12 0.00	26.05 2.03 0.00	25.10 1.86 0.00	25.92 1.98 0.00	27.58 1.95 0.00	21.41 1.86 0.00	24.75 2.23 0.00	28.32 2.42 0.00	30.48 2.97 0.00	36.26 3.36 -2.23	47.39 3.04 -16.14	36.74 3.38 -1.31	36.37 2.96 0.00	35.89 2.76 0.00	31.42 1.91 0.00	30.67 1.75 0.00	33.53 1.43 0.00	31.29 1.37 0.00	30.73 1.61 0.00	31.31 1.97 0.00	31.55 2.22 0.00	31.18 1.73 0.00
NYPA_GOWANUS____GT5 24156	31.96 1.94 -0.01	30.97 1.85 -0.01	25.05 1.51 0.00	25.47 1.46 0.00	24.56 1.32 0.00	25.31 1.37 0.00	27.09 1.46 0.00	20.99 1.44 0.00	24.19 1.67 0.00	27.80 1.90 0.00	29.72 2.20 0.00	33.14 2.47 0.00	30.57 2.35 -0.01	34.38 2.33 0.00	35.77 2.36 0.00	35.25 2.12 0.00	31.41 1.91 0.00	30.63 1.71 0.00	33.43 1.33 0.00	31.31 1.40 0.00	30.64 1.53 0.00	31.04 1.70 0.00	31.07 1.75 0.00	30.87 1.42 0.00
NYPA_GOWANUS____GT6 24157	31.96 1.94 -0.01	30.97 1.85 -0.01	25.05 1.51 0.00	25.47 1.46 0.00	24.56 1.32 0.00	25.31 1.37 0.00	27.09 1.46 0.00	20.99 1.44 0.00	24.19 1.67 0.00	27.80 1.90 0.00	29.72 2.20 0.00	33.14 2.47 0.00	30.57 2.35 -0.01	34.38 2.33 0.00	35.77 2.36 0.00	35.25 2.12 0.00	31.41 1.91 0.00	30.63 1.71 0.00	33.43 1.33 0.00	31.31 1.40 0.00	30.64 1.53 0.00	31.04 1.70 0.00	31.07 1.75 0.00	30.87 1.42 0.00
NYPA_HARLEM_RVR_GT1 24160	31.85 1.84 0.00	30.85 1.74 0.00	24.99 1.46 0.00	25.40 1.39 0.00	24.51 1.28 0.00	25.25 1.31 0.00	27.03 1.40 0.00	20.96 1.41 0.00	24.12 1.59 0.00	27.70 1.80 0.00	29.58 2.07 0.00	33.00 2.33 0.00	30.41 2.19 0.00	34.21 2.16 0.00	35.62 2.21 0.00	35.16 2.03 0.00	31.28 1.77 0.00	30.55 1.63 0.00	33.35 1.26 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.90 1.56 0.00	30.98 1.66 0.00	30.81 1.36 0.00
NYPA_HARLEM_RVR_GT2 24161	31.85 1.84 0.00	30.85 1.74 0.00	24.99 1.46 0.00	25.40 1.39 0.00	24.51 1.28 0.00	25.25 1.31 0.00	27.03 1.40 0.00	20.96 1.41 0.00	24.12 1.59 0.00	27.70 1.80 0.00	29.58 2.07 0.00	33.00 2.33 0.00	30.41 2.19 0.00	34.21 2.16 0.00	35.62 2.21 0.00	35.16 2.03 0.00	31.28 1.77 0.00	30.55 1.63 0.00	33.35 1.26 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.90 1.56 0.00	30.98 1.66 0.00	30.81 1.36 0.00
NYPA_KENT____GT 24152	31.91 1.89 0.00	30.91 1.80 0.00	25.01 1.48 0.00	25.43 1.42 0.00	24.53 1.30 0.00	25.28 1.34 0.00	27.05 1.43 0.00	20.96 1.42 0.00	24.16 1.64 0.00	27.77 1.87 0.00	29.69 2.17 0.00	33.10 2.43 0.00	30.50 2.28 0.00	34.33 2.28 0.00	35.72 2.31 0.00	35.19 2.06 0.00	31.34 1.84 0.00	30.59 1.67 0.00	33.40 1.31 0.00	31.26 1.35 0.00	30.57 1.46 0.00	30.97 1.63 0.00	31.04 1.72 0.00	30.83 1.38 0.00
NYPA_POUCH1____GT 24155	31.96 1.93 -0.01	30.99 1.88 -0.01	25.08 1.54 0.00	25.48 1.46 0.00	24.57 1.32 0.00	25.32 1.37 0.00	27.09 1.46 0.00	20.98 1.44 0.00	24.18 1.66 0.00	27.79 1.89 0.00	29.67 2.15 0.00	33.05 2.38 0.00	30.52 2.30 -0.01	34.27 2.24 0.02	35.54 2.26 0.13	34.43 1.99 0.69	31.35 1.85 0.00	30.55 1.63 0.00	32.69 1.21 0.61	31.24 1.33 0.00	30.33 1.46 0.23	30.97 1.62 0.00	31.00 1.68 0.00	30.79 1.34 0.00
NYPA_VERNON____GT2 24162	31.83 1.82 0.00	30.84 1.73 0.00	24.96 1.42 0.00	25.38 1.37 0.00	24.49 1.25 0.00	25.23 1.29 0.00	27.00 1.38 0.00	20.93 1.38 0.00	24.12 1.59 0.00	27.72 1.83 0.00	29.64 2.13 0.00	33.04 2.37 0.00	30.42 2.20 0.00	34.26 2.21 0.00	35.63 2.22 0.00	35.16 2.03 0.00	31.29 1.79 0.00	30.58 1.66 0.00	33.40 1.31 0.00	31.23 1.31 0.00	30.54 1.43 0.00	30.93 1.59 0.00	30.99 1.67 0.00	30.78 1.33 0.00

NYPA_VERNON____GT3 24163	31.83 1.82 0.00	30.84 1.73 0.00	24.96 1.42 0.00	25.38 1.37 0.00	24.49 1.25 0.00	25.23 1.29 0.00	27.00 1.38 0.00	20.93 1.38 0.00	24.12 1.59 0.00	27.72 1.83 0.00	29.64 2.13 0.00	33.04 2.37 0.00	30.42 2.20 0.00	34.26 2.21 0.00	35.63 2.22 0.00	35.16 2.03 0.00	31.29 1.79 0.00	30.58 1.66 0.00	33.40 1.31 0.00	31.23 1.31 0.00	30.54 1.43 0.00	30.93 1.59 0.00	30.99 1.67 0.00	30.78 1.33 0.00
NYPA____ASTORIA_CC1 323568	31.78 1.76 0.00	30.79 1.68 0.00	24.92 1.38 0.00	25.35 1.34 0.00	24.45 1.22 0.00	25.19 1.26 0.00	26.95 1.33 0.00	20.89 1.35 0.00	24.07 1.55 0.00	27.67 1.77 0.00	29.59 2.08 0.00	32.99 2.32 0.00	30.38 2.17 0.00	34.22 2.17 0.00	35.59 2.18 0.00	35.13 2.00 0.00	31.26 1.76 0.00	30.55 1.63 0.00	33.37 1.27 0.00	31.20 1.28 0.00	30.51 1.40 0.00	30.90 1.56 0.00	30.95 1.63 0.00	30.75 1.30 0.00
NYPA____ASTORIA_CC2 323569	31.78 1.76 0.00	30.79 1.68 0.00	24.92 1.38 0.00	25.35 1.34 0.00	24.45 1.22 0.00	25.19 1.26 0.00	26.95 1.33 0.00	20.89 1.35 0.00	24.07 1.55 0.00	27.67 1.77 0.00	29.59 2.08 0.00	32.99 2.32 0.00	30.38 2.17 0.00	34.22 2.17 0.00	35.59 2.18 0.00	35.13 2.00 0.00	31.26 1.76 0.00	30.55 1.63 0.00	33.37 1.27 0.00	31.20 1.28 0.00	30.51 1.40 0.00	30.90 1.56 0.00	30.95 1.63 0.00	30.75 1.30 0.00
NYPA____HOLTSVILL 23794	32.60 2.59 0.00	31.47 2.37 0.00	25.55 2.01 0.00	25.92 1.90 0.00	24.97 1.73 0.00	25.78 1.84 0.00	27.43 1.81 0.00	21.28 1.74 0.00	24.63 2.11 0.00	28.17 2.27 0.00	30.28 2.77 0.00	36.03 3.14 -2.23	47.26 2.91 -16.14	36.53 3.17 -1.31	36.36 2.95 0.00	35.95 2.82 0.00	31.45 1.95 0.00	30.71 1.79 0.00	33.56 1.46 0.00	31.22 1.30 0.00	30.55 1.44 0.00	31.08 1.74 0.00	31.29 1.97 0.00	30.93 1.48 0.00
NYPA____HELLGATE_GT1 24158	31.86 1.84 0.00	30.85 1.74 0.00	24.99 1.46 0.00	25.40 1.39 0.00	24.51 1.28 0.00	25.25 1.31 0.00	27.03 1.40 0.00	20.96 1.41 0.00	24.12 1.59 0.00	27.70 1.80 0.00	29.58 2.07 0.00	33.00 2.33 0.00	30.41 2.19 0.00	34.21 2.16 0.00	35.62 2.21 0.00	35.16 2.03 0.00	31.28 1.78 0.00	30.55 1.63 0.00	33.35 1.26 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.90 1.56 0.00	30.98 1.66 0.00	30.81 1.36 0.00
NYPA____HELLGATE_GT2 24159	31.86 1.84 0.00	30.85 1.74 0.00	24.99 1.46 0.00	25.40 1.39 0.00	24.51 1.28 0.00	25.25 1.31 0.00	27.03 1.40 0.00	20.96 1.41 0.00	24.12 1.59 0.00	27.70 1.80 0.00	29.58 2.07 0.00	33.00 2.33 0.00	30.41 2.19 0.00	34.21 2.16 0.00	35.62 2.21 0.00	35.16 2.03 0.00	31.28 1.78 0.00	30.55 1.63 0.00	33.35 1.26 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.90 1.56 0.00	30.98 1.66 0.00	30.81 1.36 0.00
NYS_BARGE____HYD 23848	30.83 0.82 0.00	29.35 0.24 0.00	23.62 0.08 0.00	23.79 -0.22 0.00	22.93 -0.31 0.00	23.91 -0.03 0.00	25.71 0.08 0.00	19.57 0.02 0.00	22.67 0.15 0.00	26.31 0.42 0.00	28.03 0.51 0.00	31.45 0.78 0.00	29.03 0.82 0.00	33.14 1.09 0.00	34.93 1.51 0.00	35.00 1.87 0.00	31.26 1.76 0.00	30.56 1.64 0.00	34.28 2.18 0.00	31.77 1.86 0.00	30.69 1.58 0.00	30.72 1.38 0.00	30.98 1.66 0.00	31.23 1.78 0.00
OAK ORCHARD____HYD 24046	30.71 0.69 0.00	29.40 0.29 0.00	23.67 0.13 0.00	23.93 -0.08 0.00	23.09 -0.15 0.00	23.99 0.05 0.00	25.75 0.12 0.00	19.67 0.13 0.00	22.75 0.22 0.00	26.37 0.47 0.00	28.10 0.59 0.00	31.50 0.83 0.00	29.07 0.86 0.00	33.16 1.11 0.00	34.85 1.44 0.00	34.87 1.73 0.00	31.14 1.64 0.00	30.52 1.60 0.00	34.15 2.05 0.00	31.70 1.79 0.00	30.69 1.57 0.00	30.75 1.41 0.00	30.84 1.51 0.00	30.91 1.47 0.00
OAKDALE__35_KV_LOAD 356122	30.46 0.45 0.00	29.41 0.29 0.00	23.69 0.15 0.00	24.13 0.11 0.00	23.32 0.08 0.00	24.11 0.17 0.00	25.83 0.21 0.00	19.81 0.26 0.00	22.87 0.35 0.00	26.37 0.47 0.00	28.05 0.53 0.00	31.33 0.66 0.00	28.77 0.56 0.00	32.73 0.68 0.00	34.25 0.83 0.00	33.94 0.81 0.00	30.22 0.72 0.00	29.63 0.71 0.00	32.98 0.89 0.00	30.73 0.81 0.00	29.85 0.74 0.00	30.07 0.73 0.00	30.09 0.76 0.00	30.07 0.62 0.00
OCC_CHEM____DRP 24175	30.55 0.53 0.00	29.10 -0.01 0.00	23.40 -0.14 0.00	23.56 -0.46 0.00	22.69 -0.55 0.00	23.71 -0.23 0.00	25.50 -0.12 0.00	19.42 -0.13 0.00	22.49 -0.03 0.00	26.10 0.20 0.00	27.79 0.28 0.00	30.99 0.32 0.00	28.60 0.39 0.00	32.61 0.56 0.00	34.36 0.94 0.00	34.40 1.27 0.00	30.60 1.10 0.00	29.89 0.97 0.00	33.49 1.39 0.00	31.02 1.11 0.00	30.01 0.89 0.00	30.02 0.68 0.00	30.46 1.13 0.00	30.76 1.31 0.00
OH_GEN_PROXY 24063	30.47 0.45 0.00	29.07 -0.04 0.00	23.36 -0.17 0.00	23.54 -0.47 0.00	-40.77 -0.55 63.45	23.65 -0.25 0.04	25.47 -0.15 0.00	19.42 -0.12 0.00	22.48 -0.04 0.00	26.09 0.19 0.00	27.79 0.27 0.00	31.11 0.44 0.00	28.69 0.47 0.00	32.71 0.66 0.00	34.46 1.04 0.00	34.54 1.41 0.00	30.80 1.30 0.00	30.11 1.18 0.00	33.74 1.64 0.00	31.25 1.34 0.00	30.22 1.10 0.00	30.27 0.93 0.00	30.56 1.24 0.00	30.78 1.33 0.00
OLIN_CORP_DRP 24177	30.40 0.38 0.00	28.93 -0.18 0.00	23.33 -0.21 0.00	23.49 -0.52 0.00	22.64 -0.60 0.00	23.59 -0.34 0.00	25.37 -0.25 0.00	19.30 -0.24 0.00	22.35 -0.17 0.00	25.93 0.03 0.00	27.60 0.09 0.00	30.96 0.29 0.00	28.57 0.35 0.00	32.60 0.55 0.00	34.36 0.95 0.00	34.46 1.32 0.00	30.78 1.27 0.00	30.05 1.13 0.00	33.70 1.60 0.00	31.22 1.31 0.00	30.18 1.06 0.00	30.22 0.87 0.00	30.48 1.15 0.00	30.76 1.31 0.00
OLIN_CORP_DSASP 323712	30.55 0.53 0.00	29.11 0.00 0.00	23.39 -0.14 0.00	23.55 -0.46 0.00	22.69 -0.55 0.00	23.71 -0.23 0.00	25.50 -0.12 0.00	19.42 -0.13 0.00	22.48 -0.04 0.00	26.10 0.20 0.00	27.79 0.28 0.00	30.99 0.32 0.00	28.61 0.39 0.00	32.61 0.56 0.00	34.36 0.94 0.00	34.40 1.26 0.00	30.60 1.10 0.00	29.90 0.98 0.00	33.49 1.39 0.00	31.02 1.11 0.00	30.01 0.89 0.00	30.02 0.68 0.00	30.46 1.13 0.00	30.76 1.31 0.00
ONEIDA_HERK_LFGE 323681	30.62 0.60 0.00	29.62 0.51 0.00	23.91 0.37 0.00	24.37 0.36 0.00	23.56 0.33 0.00	24.28 0.35 0.00	26.00 0.37 0.00	19.82 0.28 0.00	22.85 0.33 0.00	26.31 0.41 0.00	28.07 0.56 0.00	31.33 0.66 0.00	28.83 0.61 0.00	32.71 0.66 0.00	34.11 0.69 0.00	33.68 0.55 0.00	30.04 0.54 0.00	29.48 0.56 0.00	32.87 0.77 0.00	30.65 0.74 0.00	29.83 0.71 0.00	29.97 0.63 0.00	29.91 0.58 0.00	29.95 0.50 0.00
ONEIDA____115KV_TB4 55905	30.72 0.70 0.00	29.67 0.56 0.00	23.96 0.42 0.00	24.41 0.39 0.00	23.60 0.36 0.00	24.35 0.41 0.00	26.08 0.45 0.00	19.92 0.38 0.00	22.96 0.44 0.00	26.46 0.56 0.00	28.23 0.72 0.00	31.57 0.91 0.00	29.07 0.85 0.00	33.03 0.98 0.00	34.48 1.06 0.00	34.13 1.00 0.00	30.39 0.88 0.00	29.84 0.91 0.00	33.27 1.17 0.00	31.08 1.16 0.00	30.20 1.08 0.00	30.36 1.02 0.00	30.26 0.93 0.00	30.23 0.78 0.00

ONONDAGA_REF_OCCRA 23987	30.01 -0.01 0.00	28.97 -0.14 0.00	23.41 -0.13 0.00	23.84 -0.18 0.00	23.05 -0.19 0.00	23.80 -0.14 0.00	25.48 -0.14 0.00	19.51 -0.03 0.00	22.51 -0.01 0.00	25.94 0.03 0.00	27.61 0.10 0.00	30.85 0.19 0.00	28.41 0.20 0.00	32.31 0.26 0.00	33.77 0.35 0.00	33.49 0.36 0.00	29.83 0.33 0.00	29.28 0.36 0.00	32.59 0.49 0.00	30.36 0.44 0.00	29.49 0.37 0.00	29.67 0.33 0.00	29.62 0.29 0.00	29.61 0.16 0.00
ONONDAGA___COGEN 23986	29.97 -0.05 0.00	28.94 -0.17 0.00	23.38 -0.16 0.00	23.81 -0.21 0.00	23.01 -0.23 0.00	23.76 -0.18 0.00	25.43 -0.19 0.00	19.47 -0.08 0.00	22.46 -0.06 0.00	25.87 -0.03 0.00	27.56 0.05 0.00	30.81 0.14 0.00	28.36 0.14 0.00	32.25 0.20 0.00	33.70 0.29 0.00	33.40 0.27 0.00	29.76 0.26 0.00	29.21 0.29 0.00	32.50 0.41 0.00	30.27 0.36 0.00	29.41 0.30 0.00	29.58 0.24 0.00	29.54 0.22 0.00	29.54 0.09 0.00
ONTARIO___LFGE 23819	30.64 0.62 0.00	29.48 0.37 0.00	23.79 0.26 0.00	24.13 0.12 0.00	23.32 0.08 0.00	24.15 0.21 0.00	25.90 0.28 0.00	19.84 0.29 0.00	22.95 0.43 0.00	26.46 0.56 0.00	28.20 0.68 0.00	31.52 0.85 0.00	29.00 0.79 0.00	33.07 1.02 0.00	34.71 1.30 0.00	34.40 1.26 0.00	30.68 1.18 0.00	30.17 1.25 0.00	33.80 1.70 0.00	31.48 1.57 0.00	30.51 1.40 0.00	30.65 1.31 0.00	30.60 1.27 0.00	30.56 1.11 0.00
ORANGEVILLE_WT_PWR 323706	30.98 0.96 0.00	29.62 0.51 0.00	23.79 0.25 0.00	24.03 0.02 0.00	23.19 -0.05 0.00	24.14 0.20 0.00	25.95 0.33 0.00	19.84 0.29 0.00	22.97 0.45 0.00	26.64 0.74 0.00	28.37 0.85 0.00	31.77 1.10 0.00	29.24 1.02 0.00	33.35 1.30 0.00	35.09 1.67 0.00	35.04 1.91 0.00	31.24 1.74 0.00	30.59 1.67 0.00	34.30 2.20 0.00	31.84 1.93 0.00	30.81 1.69 0.00	30.91 1.57 0.00	31.07 1.74 0.00	31.18 1.73 0.00
ORANGEVILLE___ESR 323794	30.98 0.96 0.00	29.62 0.51 0.00	23.79 0.25 0.00	24.03 0.02 0.00	23.19 -0.05 0.00	24.14 0.20 0.00	25.95 0.33 0.00	19.84 0.29 0.00	22.97 0.45 0.00	26.64 0.74 0.00	28.37 0.85 0.00	31.77 1.10 0.00	29.24 1.02 0.00	33.35 1.30 0.00	35.09 1.67 0.00	35.04 1.91 0.00	31.24 1.74 0.00	30.59 1.67 0.00	34.30 2.20 0.00	31.84 1.93 0.00	30.81 1.69 0.00	30.91 1.57 0.00	31.07 1.74 0.00	31.18 1.73 0.00
OSWEGATCHIE___HYD 24044	30.25 0.23 0.00	29.33 0.22 0.00	23.69 0.15 0.00	24.13 0.11 0.00	23.28 0.04 0.00	23.83 -0.11 0.00	25.46 -0.17 0.00	19.18 -0.36 0.00	22.07 -0.45 0.00	25.42 -0.47 0.00	26.93 -0.58 0.00	29.81 -0.85 0.00	27.48 -0.74 0.00	31.18 -0.87 0.00	32.48 -0.94 0.00	32.08 -1.05 0.00	28.78 -0.72 0.00	28.21 -0.71 0.00	31.52 -0.57 0.00	29.37 -0.54 0.00	28.66 -0.45 0.00	28.84 -0.50 0.00	28.97 -0.35 0.00	29.38 -0.07 0.00
OSWEGO___5 23606	29.43 -0.59 0.00	28.45 -0.66 0.00	22.98 -0.56 0.00	23.41 -0.61 0.00	22.63 -0.61 0.00	23.36 -0.58 0.00	25.01 -0.62 0.00	19.13 -0.42 0.00	22.05 -0.47 0.00	25.38 -0.51 0.00	27.01 -0.51 0.00	30.16 -0.51 0.00	27.77 -0.45 0.00	31.56 -0.50 0.00	32.95 -0.46 0.00	32.68 -0.45 0.00	29.12 -0.38 0.00	28.57 -0.35 0.00	31.76 -0.34 0.00	29.58 -0.33 0.00	28.76 -0.35 0.00	28.95 -0.40 0.00	28.94 -0.38 0.00	28.99 -0.45 0.00
OSWEGO___6 23613	29.43 -0.59 0.00	28.45 -0.66 0.00	22.98 -0.56 0.00	23.41 -0.61 0.00	22.63 -0.61 0.00	23.36 -0.58 0.00	25.01 -0.62 0.00	19.13 -0.42 0.00	22.05 -0.47 0.00	25.38 -0.51 0.00	27.01 -0.51 0.00	30.16 -0.51 0.00	27.77 -0.45 0.00	31.56 -0.50 0.00	32.95 -0.46 0.00	32.68 -0.45 0.00	29.12 -0.38 0.00	28.57 -0.35 0.00	31.76 -0.34 0.00	29.58 -0.33 0.00	28.76 -0.35 0.00	28.95 -0.40 0.00	28.94 -0.38 0.00	28.99 -0.45 0.00
OUTOKUMPU-AB___DRP 24206	31.10 1.09 0.00	29.61 0.50 0.00	23.81 0.27 0.00	23.97 -0.04 0.00	23.12 -0.12 0.00	24.12 0.18 0.00	25.93 0.31 0.00	19.77 0.23 0.00	22.91 0.39 0.00	26.59 0.69 0.00	28.36 0.84 0.00	31.75 1.09 0.00	29.32 1.10 0.00	33.46 1.41 0.00	35.21 1.79 0.00	35.21 2.08 0.00	31.39 1.89 0.00	30.68 1.76 0.00	34.40 2.30 0.00	31.84 1.93 0.00	30.76 1.65 0.00	30.78 1.44 0.00	31.16 1.84 0.00	31.43 1.99 0.00
OXBOW____ 24026	30.92 0.91 0.00	29.44 0.33 0.00	23.66 0.12 0.00	23.83 -0.19 0.00	22.97 -0.27 0.00	23.98 0.04 0.00	25.79 0.16 0.00	19.64 0.10 0.00	22.76 0.24 0.00	26.42 0.52 0.00	28.16 0.65 0.00	31.47 0.80 0.00	29.07 0.85 0.00	33.17 1.12 0.00	34.92 1.50 0.00	34.93 1.80 0.00	31.11 1.61 0.00	30.41 1.49 0.00	34.08 1.98 0.00	31.55 1.64 0.00	30.49 1.38 0.00	30.51 1.17 0.00	30.91 1.59 0.00	31.20 1.75 0.00
OXY_CHEM_DSASP 323612	30.55 0.53 0.00	29.10 -0.01 0.00	23.40 -0.14 0.00	23.56 -0.46 0.00	22.69 -0.55 0.00	23.71 -0.23 0.00	25.50 -0.12 0.00	19.42 -0.13 0.00	22.49 -0.03 0.00	26.10 0.20 0.00	27.79 0.28 0.00	30.99 0.32 0.00	28.60 0.39 0.00	32.61 0.56 0.00	34.36 0.94 0.00	34.40 1.27 0.00	30.60 1.10 0.00	29.89 0.97 0.00	33.49 1.39 0.00	31.02 1.11 0.00	30.01 0.89 0.00	30.02 0.68 0.00	30.46 1.13 0.00	30.76 1.31 0.00
OZONE_PARK_ESR 323760	32.26 2.24 0.00	31.22 2.12 0.00	25.23 1.69 0.00	25.65 1.64 0.00	24.73 1.49 0.00	25.49 1.55 0.00	27.28 1.65 0.00	21.13 1.59 0.00	24.36 1.83 0.00	28.00 2.10 0.00	29.96 2.45 0.00	33.44 2.77 0.00	30.78 2.56 0.00	34.73 2.68 0.00	36.12 2.71 0.00	35.65 2.52 0.00	31.66 2.16 0.00	30.97 2.05 0.00	33.87 1.78 0.00	31.61 1.70 0.00	30.91 1.80 0.00	31.32 1.98 0.00	31.40 2.07 0.00	31.16 1.71 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.55 0.53 0.00	29.10 -0.01 0.00	23.40 -0.14 0.00	23.56 -0.46 0.00	22.69 -0.55 0.00	23.71 -0.23 0.00	25.50 -0.12 0.00	19.42 -0.13 0.00	22.49 -0.03 0.00	26.10 0.20 0.00	27.79 0.28 0.00	30.99 0.32 0.00	28.60 0.39 0.00	32.61 0.56 0.00	34.36 0.94 0.00	34.40 1.27 0.00	30.60 1.10 0.00	29.89 0.97 0.00	33.49 1.39 0.00	31.02 1.11 0.00	30.01 0.89 0.00	30.02 0.68 0.00	30.46 1.13 0.00	30.76 1.31 0.00
PACKARD___115KV_DUPONT_184 80571	30.55 0.53 0.00	29.10 -0.01 0.00	23.40 -0.14 0.00	23.56 -0.46 0.00	22.69 -0.55 0.00	23.71 -0.23 0.00	25.50 -0.12 0.00	19.42 -0.13 0.00	22.49 -0.03 0.00	26.10 0.20 0.00	27.79 0.28 0.00	30.99 0.32 0.00	28.60 0.39 0.00	32.61 0.56 0.00	34.36 0.94 0.00	34.40 1.27 0.00	30.60 1.10 0.00	29.89 0.97 0.00	33.49 1.39 0.00	31.02 1.11 0.00	30.01 0.89 0.00	30.02 0.68 0.00	30.46 1.13 0.00	30.76 1.31 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.83 1.81 0.00	30.83 1.72 0.00	24.97 1.43 0.00	25.38 1.37 0.00	24.50 1.26 0.00	25.24 1.30 0.00	27.01 1.38 0.00	20.93 1.39 0.00	24.09 1.57 0.00	27.67 1.77 0.00	29.56 2.05 0.00	32.97 2.30 0.00	30.41 2.19 0.00	34.23 2.18 0.00	35.64 2.23 0.00	35.20 2.08 0.00	31.33 1.83 0.00	30.60 1.68 0.00	33.42 1.32 0.00	31.26 1.35 0.00	30.54 1.43 0.00	30.94 1.60 0.00	30.99 1.66 0.00	30.81 1.36 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.03 2.01 0.00	31.06 1.95 0.00	25.14 1.60 0.00	25.57 1.55 0.00	24.68 1.45 0.00	25.44 1.50 0.00	27.20 1.57 0.00	21.06 1.51 0.00	24.23 1.71 0.00	27.80 1.90 0.00	29.82 2.30 0.00	33.25 2.58 0.00	30.61 2.40 0.00	34.40 2.35 0.00	35.86 2.44 0.00	35.31 2.17 0.00	31.37 1.87 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.30 1.39 0.00	30.59 1.48 0.00	30.98 1.64 0.00	31.03 1.70 0.00	30.87 1.42 0.00
PATROON__115KV_TB1 80586	30.71 0.69 0.00	29.94 0.83 0.00	24.26 0.72 0.00	24.77 0.76 0.00	23.95 0.71 0.00	24.66 0.72 0.00	26.35 0.73 0.00	20.27 0.72 0.00	23.31 0.79 0.00	26.70 0.81 0.00	28.50 0.99 0.00	31.78 1.11 0.00	29.17 0.96 0.00	33.05 0.99 0.00	34.45 1.04 0.00	34.15 1.02 0.00	30.37 0.87 0.00	29.81 0.89 0.00	32.86 0.76 0.00	30.62 0.71 0.00	29.82 0.70 0.00	30.07 0.73 0.00	30.07 0.74 0.00	29.97 0.52 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.13 1.12 0.00	29.70 0.60 0.00	23.84 0.31 0.00	24.05 0.04 0.00	23.19 -0.05 0.00	24.19 0.25 0.00	26.01 0.39 0.00	19.88 0.33 0.00	23.04 0.52 0.00	26.76 0.86 0.00	28.53 1.02 0.00	32.02 1.36 0.00	29.50 1.28 0.00	33.70 1.65 0.00	35.50 2.09 0.00	35.51 2.38 0.00	31.67 2.17 0.00	30.97 2.05 0.00	34.71 2.61 0.00	32.15 2.24 0.00	31.05 1.93 0.00	31.11 1.77 0.00	31.32 1.99 0.00	31.46 2.01 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.89 1.88 0.00	30.91 1.80 0.00	24.99 1.45 0.00	25.43 1.42 0.00	24.53 1.29 0.00	25.29 1.35 0.00	27.05 1.43 0.00	20.91 1.37 0.00	24.13 1.61 0.00	27.75 1.85 0.00	29.69 2.18 0.00	33.14 2.47 0.00	30.52 2.30 0.00	34.54 2.49 0.00	35.99 2.58 0.00	35.62 2.49 0.00	31.60 2.10 0.00	30.90 1.98 0.00	33.95 1.86 0.00	31.65 1.73 0.00	30.88 1.76 0.00	31.19 1.85 0.00	31.19 1.87 0.00	30.96 1.51 0.00
PEEKSKILL____ 23653	31.50 1.49 0.00	30.54 1.43 0.00	24.68 1.14 0.00	25.12 1.11 0.00	24.24 1.01 0.00	24.99 1.05 0.00	26.74 1.11 0.00	20.69 1.14 0.00	23.84 1.32 0.00	27.39 1.50 0.00	29.28 1.76 0.00	32.68 2.01 0.00	30.05 1.83 0.00	33.99 1.94 0.00	35.38 1.96 0.00	34.96 1.83 0.00	31.06 1.56 0.00	30.37 1.45 0.00	33.30 1.21 0.00	31.06 1.15 0.00	30.35 1.23 0.00	30.70 1.36 0.00	30.75 1.43 0.00	30.53 1.09 0.00
PGE MADISON__WINDPWR 24146	32.45 2.43 0.00	31.29 2.18 0.00	25.18 1.65 0.00	25.63 1.62 0.00	24.79 1.56 0.00	25.65 1.72 0.00	27.49 1.87 0.00	21.04 1.49 0.00	24.41 1.89 0.00	28.05 2.15 0.00	29.79 2.27 0.00	33.25 2.58 0.00	30.58 2.36 0.00	34.73 2.68 0.00	36.36 2.94 0.00	35.66 2.53 0.00	31.96 2.45 0.00	31.50 2.58 0.00	35.37 3.28 0.00	33.18 3.27 0.00	32.31 3.20 0.00	32.42 3.08 0.00	32.27 2.94 0.00	32.17 2.72 0.00
PIERCEFIELD__HYD 23852	30.09 0.07 0.00	29.26 0.15 0.00	23.66 0.12 0.00	24.11 0.10 0.00	23.25 0.01 0.00	23.69 -0.24 0.00	25.28 -0.35 0.00	18.96 -0.59 0.00	21.85 -0.67 0.00	25.15 -0.75 0.00	26.60 -0.91 0.00	29.47 -1.20 0.00	27.17 -1.05 0.00	30.92 -1.13 0.00	32.20 -1.22 0.00	31.83 -1.30 0.00	28.44 -1.06 0.00	27.91 -1.01 0.00	31.10 -1.00 0.00	28.98 -0.94 0.00	28.24 -0.87 0.00	28.56 -0.78 0.00	28.83 -0.50 0.00	29.49 0.04 0.00
PINELAWN_CC_1 323563	32.61 2.59 0.00	31.46 2.36 0.00	25.47 1.93 0.00	25.84 1.83 0.00	24.91 1.68 0.00	25.71 1.77 0.00	27.38 1.75 0.00	21.24 1.70 0.00	24.53 2.00 0.00	28.08 2.19 0.00	30.22 2.71 0.00	35.74 2.85 -2.23	46.90 2.55 -16.14	36.18 2.81 -1.31	35.86 2.45 0.00	35.49 2.36 0.00	31.11 1.61 0.00	30.39 1.46 0.00	33.23 1.13 0.00	31.04 1.13 0.00	30.47 1.36 0.00	31.19 1.85 0.00	31.38 2.05 0.00	31.02 1.57 0.00
PJM_GEN_HTP_PROXY 323702	31.74 1.72 0.00	30.76 1.65 0.00	24.87 1.33 0.00	25.30 1.28 0.00	24.40 1.16 0.00	25.15 1.21 0.00	26.91 1.28 0.00	20.85 1.30 0.00	24.03 1.51 0.00	27.62 1.72 0.00	29.54 2.02 0.00	32.95 2.28 0.00	30.32 2.10 0.00	34.23 2.18 0.00	35.60 2.19 0.00	36.08 1.99 -0.96	31.20 1.69 0.00	30.50 1.57 0.00	33.38 1.28 0.00	31.14 1.23 0.00	30.45 1.33 0.00	30.84 1.50 0.00	30.91 1.59 0.00	35.73 1.23 -5.05
PJM_GEN_KEystone 24065	30.81 0.79 0.00	30.82 0.61 -1.10	22.72 0.38 1.21	24.29 0.28 0.00	23.45 0.21 0.00	17.12 0.33 7.14	26.03 0.40 0.00	20.05 0.51 0.00	23.16 0.64 0.00	26.64 0.82 0.07	28.42 0.96 0.06	31.83 1.16 0.00	29.23 1.02 0.00	33.18 1.15 0.02	34.67 1.32 0.07	35.36 1.32 -0.91	30.67 1.17 0.00	29.97 1.05 0.00	33.12 1.07 0.05	30.85 0.94 0.00	30.00 0.90 0.02	30.31 0.96 0.00	30.43 1.11 0.00	35.38 0.89 -5.05
PJM_GEN_NEPTUNE_PROXY 323594	32.04 2.03 0.00	30.97 1.86 0.00	25.05 1.52 0.00	25.46 1.44 0.00	24.54 1.30 0.00	25.32 1.38 0.00	26.97 1.35 0.00	20.92 1.38 0.00	24.13 1.61 0.00	27.66 1.76 0.00	29.74 2.22 0.00	35.41 2.51 -2.23	46.66 2.30 -16.14	35.83 2.47 -1.31	35.75 2.34 0.00	36.26 2.16 -0.96	31.01 1.50 0.00	30.33 1.41 0.00	33.17 1.08 0.00	30.89 0.97 0.00	30.26 1.15 0.00	30.73 1.39 0.00	30.91 1.58 0.00	35.62 1.12 -5.05
PJM_GEN_VFT_PROXY 323633	31.62 1.61 0.00	30.64 1.53 0.00	24.75 1.21 0.00	25.17 1.16 0.00	24.26 1.03 0.00	25.01 1.07 0.00	26.77 1.14 0.00	20.74 1.19 0.00	23.89 1.37 0.00	26.42 1.57 1.05	28.57 1.88 0.82	32.79 2.13 0.00	30.18 1.97 0.00	33.76 2.01 0.30	34.39 1.97 1.00	35.09 1.74 -0.22	31.02 1.51 0.00	30.31 1.39 0.00	32.47 1.04 0.67	30.92 1.01 0.01	29.99 1.12 0.25	30.65 1.31 0.00	30.74 1.42 0.00	35.47 1.06 -4.97
PLATSBRG_115KV_PMLD1 355749	30.67 0.66 0.00	29.86 0.75 0.00	24.15 0.61 0.00	24.61 0.60 0.00	23.82 0.58 0.00	24.50 0.56 0.00	26.20 0.58 0.00	19.87 0.32 0.00	22.90 0.38 0.00	26.24 0.34 0.00	27.81 0.29 0.00	30.93 0.26 0.00	28.37 0.15 0.00	32.32 0.28 0.00	33.67 0.25 0.00	33.43 0.30 0.00	29.86 0.36 0.00	29.39 0.47 0.00	32.63 0.54 0.00	30.33 0.42 0.00	29.54 0.43 0.00	29.77 0.43 0.00	29.75 0.42 0.00	30.07 0.62 0.00
PLEASANTVLY__LBMP 24000	31.34 1.32 0.00	30.43 1.32 0.00	24.63 1.09 0.00	25.08 1.07 0.00	24.22 0.98 0.00	24.95 1.01 0.00	26.68 1.06 0.00	20.61 1.07 0.00	23.75 1.22 0.00	27.26 1.36 0.00	29.11 1.60 0.00	32.47 1.80 0.00	29.84 1.62 0.00	33.73 1.68 0.00	35.13 1.72 0.00	34.75 1.62 0.00	30.86 1.36 0.00	30.20 1.28 0.00	33.16 1.06 0.00	30.92 1.01 0.00	30.19 1.08 0.00	30.53 1.19 0.00	30.56 1.24 0.00	30.38 0.93 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.64 1.62 0.00	30.68 1.57 0.00	24.80 1.27 0.00	25.24 1.23 0.00	24.36 1.12 0.00	25.11 1.17 0.00	26.85 1.23 0.00	20.77 1.23 0.00	23.94 1.42 0.00	27.51 1.61 0.00	29.41 1.89 0.00	32.81 2.14 0.00	30.16 1.95 0.00	34.10 2.05 0.00	35.51 2.10 0.00	35.09 1.96 0.00	31.16 1.66 0.00	30.50 1.57 0.00	33.44 1.35 0.00	31.19 1.27 0.00	30.47 1.35 0.00	30.82 1.48 0.00	30.85 1.53 0.00	30.64 1.19 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.64 1.62 0.00	30.68 1.57 0.00	24.80 1.27 0.00	25.24 1.23 0.00	24.36 1.12 0.00	25.11 1.17 0.00	26.85 1.23 0.00	20.77 1.23 0.00	23.94 1.42 0.00	27.51 1.61 0.00	29.41 1.89 0.00	32.81 2.14 0.00	30.16 1.95 0.00	34.10 2.05 0.00	35.51 2.10 0.00	35.09 1.96 0.00	31.16 1.66 0.00	30.50 1.57 0.00	33.44 1.35 0.00	31.19 1.27 0.00	30.47 1.35 0.00	30.82 1.48 0.00	30.85 1.53 0.00	30.64 1.19 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.65 1.63 0.00	30.70 1.59 0.00	24.84 1.30 0.00	25.28 1.27 0.00	24.41 1.17 0.00	25.15 1.21 0.00	26.90 1.28 0.00	20.78 1.23 0.00	23.95 1.42 0.00	27.51 1.61 0.00	29.42 1.90 0.00	32.81 2.14 0.00	30.18 1.97 0.00	34.16 2.12 0.00	35.63 2.22 0.00	35.22 2.09 0.00	31.26 1.76 0.00	30.62 1.70 0.00	33.68 1.58 0.00	31.41 1.50 0.00	30.64 1.53 0.00	30.95 1.61 0.00	30.94 1.61 0.00	30.74 1.29 0.00
POLETTI____ 23519	31.76 1.74 0.00	30.77 1.66 0.00	24.87 1.34 0.00	25.29 1.28 0.00	24.40 1.16 0.00	25.15 1.21 0.00	26.91 1.29 0.00	20.86 1.31 0.00	24.04 1.51 0.00	27.62 1.72 0.00	29.54 2.02 0.00	32.94 2.28 0.00	30.31 2.10 0.00	34.22 2.17 0.00	35.58 2.17 0.00	35.10 1.97 0.00	31.18 1.68 0.00	30.49 1.57 0.00	33.35 1.26 0.00	31.12 1.21 0.00	30.43 1.32 0.00	30.84 1.50 0.00	30.91 1.59 0.00	30.68 1.23 0.00
POMONA____ESR 323819	31.41 1.40 0.00	30.44 1.33 0.00	24.60 1.05 0.00	25.05 1.03 0.00	24.17 0.93 0.00	24.92 0.98 0.00	26.67 1.04 0.00	20.63 1.09 0.00	23.79 1.27 0.00	27.33 1.43 0.00	29.23 1.71 0.00	32.63 1.95 0.00	30.01 1.79 0.00	33.97 1.92 0.00	35.36 1.95 0.00	34.94 1.81 0.00	31.06 1.56 0.00	30.37 1.45 0.00	33.30 1.21 0.00	31.06 1.15 0.00	30.33 1.22 0.00	30.69 1.35 0.00	30.73 1.40 0.00	30.49 1.05 0.00
PORT_JEFF_3 23555	32.68 2.66 0.00	31.54 2.43 0.00	25.60 2.06 0.00	25.96 1.95 0.00	25.02 1.78 0.00	25.83 1.88 0.00	27.48 1.86 0.00	21.32 1.78 0.00	24.68 2.16 0.00	28.23 2.33 0.00	30.36 2.84 0.00	36.12 3.23 -2.23	47.36 3.00 -16.14	36.59 3.23 -1.31	36.40 2.99 0.00	36.00 2.87 0.00	31.41 1.91 0.00	30.62 1.70 0.00	33.45 1.35 0.00	31.11 1.20 0.00	30.51 1.39 0.00	31.05 1.71 0.00	31.31 1.98 0.00	30.98 1.54 0.00
PORT_JEFF_4 23616	32.68 2.66 0.00	31.54 2.43 0.00	25.60 2.06 0.00	25.96 1.95 0.00	25.02 1.78 0.00	25.83 1.88 0.00	27.48 1.86 0.00	21.32 1.78 0.00	24.68 2.16 0.00	28.23 2.33 0.00	30.36 2.84 0.00	36.12 3.23 -2.23	47.36 3.00 -16.14	36.59 3.23 -1.31	36.40 2.99 0.00	36.00 2.87 0.00	31.41 1.91 0.00	30.62 1.70 0.00	33.45 1.35 0.00	31.11 1.20 0.00	30.51 1.39 0.00	31.05 1.71 0.00	31.31 1.98 0.00	30.98 1.54 0.00
PORT_JEFF_IC 23713	32.76 2.74 0.00	31.61 2.50 0.00	25.66 2.12 0.00	26.02 2.00 0.00	25.06 1.83 0.00	25.87 1.93 0.00	27.54 1.91 0.00	21.37 1.82 0.00	24.73 2.21 0.00	28.30 2.40 0.00	30.43 2.92 0.00	36.21 3.31 -2.23	47.44 3.09 -16.14	36.56 3.21 -1.31	36.36 2.95 0.00	36.00 2.87 0.00	31.43 1.93 0.00	30.64 1.72 0.00	33.47 1.38 0.00	31.14 1.23 0.00	30.64 1.52 0.00	31.16 1.82 0.00	31.40 2.08 0.00	31.05 1.60 0.00
PPL PILGRIM_ST_GT1 24216	32.85 2.83 0.00	31.69 2.58 0.00	25.66 2.12 0.00	26.05 2.03 0.00	25.10 1.86 0.00	25.92 1.98 0.00	27.58 1.95 0.00	21.41 1.86 0.00	24.75 2.23 0.00	28.32 2.42 0.00	30.48 2.97 0.00	36.26 3.36 -2.23	47.39 3.04 -16.14	36.74 3.38 -1.31	36.37 2.96 0.00	35.89 2.76 0.00	31.42 1.91 0.00	30.67 1.75 0.00	33.53 1.43 0.00	31.29 1.37 0.00	30.73 1.61 0.00	31.31 1.97 0.00	31.55 2.22 0.00	31.18 1.73 0.00
PPL PILGRIM_ST_GT2 24217	32.85 2.83 0.00	31.69 2.58 0.00	25.66 2.12 0.00	26.05 2.03 0.00	25.10 1.86 0.00	25.92 1.98 0.00	27.58 1.95 0.00	21.41 1.86 0.00	24.75 2.23 0.00	28.32 2.42 0.00	30.48 2.97 0.00	36.26 3.36 -2.23	47.39 3.04 -16.14	36.74 3.38 -1.31	36.37 2.96 0.00	35.89 2.76 0.00	31.42 1.91 0.00	30.67 1.75 0.00	33.53 1.43 0.00	31.29 1.37 0.00	30.73 1.61 0.00	31.31 1.97 0.00	31.55 2.22 0.00	31.18 1.73 0.00
PPL_SHRM_GT3 24213	32.64 2.62 0.00	31.49 2.38 0.00	25.66 2.12 0.00	26.01 2.00 0.00	25.06 1.82 0.00	25.87 1.93 0.00	27.52 1.89 0.00	21.32 1.77 0.00	24.74 2.22 0.00	28.22 2.32 0.00	30.36 2.84 0.00	36.18 3.29 -2.23	47.42 3.06 -16.14	36.71 3.36 -1.31	36.61 3.20 0.00	36.12 2.99 0.00	31.56 2.05 0.00	30.89 1.97 0.00	33.74 1.65 0.00	31.37 1.46 0.00	30.60 1.48 0.00	31.16 1.82 0.00	31.30 1.98 0.00	30.88 1.43 0.00
PPL_SHRM_GT4 24214	32.64 2.62 0.00	31.49 2.38 0.00	25.66 2.12 0.00	26.01 2.00 0.00	25.06 1.82 0.00	25.87 1.93 0.00	27.52 1.89 0.00	21.32 1.77 0.00	24.74 2.22 0.00	28.22 2.32 0.00	30.36 2.84 0.00	36.18 3.29 -2.23	47.42 3.06 -16.14	36.71 3.36 -1.31	36.61 3.20 0.00	36.12 2.99 0.00	31.56 2.05 0.00	30.89 1.97 0.00	33.74 1.65 0.00	31.37 1.46 0.00	30.60 1.48 0.00	31.16 1.82 0.00	31.30 1.98 0.00	30.88 1.43 0.00
PROJECT____ORANGE 1 24174	29.82 -0.19 0.00	28.80 -0.31 0.00	23.28 -0.26 0.00	23.71 -0.31 0.00	22.91 -0.33 0.00	23.66 -0.28 0.00	25.34 -0.29 0.00	19.40 -0.15 0.00	22.37 -0.15 0.00	25.78 -0.12 0.00	27.45 -0.06 0.00	30.67 0.00 0.00	28.25 0.04 0.00	32.13 0.07 0.00	33.57 0.16 0.00	33.30 0.17 0.00	29.68 0.18 0.00	29.11 0.19 0.00	32.38 0.29 0.00	30.16 0.24 0.00	29.30 0.18 0.00	29.47 0.13 0.00	29.44 0.11 0.00	29.44 -0.01 0.00
PROJECT____ORANGE 2 24166	29.82 -0.19 0.00	28.80 -0.31 0.00	23.28 -0.26 0.00	23.71 -0.31 0.00	22.91 -0.33 0.00	23.66 -0.28 0.00	25.34 -0.29 0.00	19.40 -0.15 0.00	22.37 -0.15 0.00	25.78 -0.12 0.00	27.45 -0.06 0.00	30.67 0.00 0.00	28.25 0.04 0.00	32.13 0.07 0.00	33.57 0.16 0.00	33.30 0.17 0.00	29.68 0.18 0.00	29.11 0.19 0.00	32.38 0.29 0.00	30.16 0.24 0.00	29.30 0.18 0.00	29.47 0.13 0.00	29.44 0.11 0.00	29.44 -0.01 0.00
PUCKETT____SOLAR 323809	30.95 0.94 0.00	29.88 0.77 0.00	24.06 0.52 0.00	24.50 0.48 0.00	23.68 0.44 0.00	24.48 0.54 0.00	26.26 0.63 0.00	20.13 0.59 0.00	23.25 0.73 0.00	26.74 0.84 0.00	28.41 0.89 0.00	31.79 1.12 0.00	29.18 0.97 0.00	33.10 1.05 0.00	34.63 1.22 0.00	34.25 1.12 0.00	30.56 1.06 0.00	30.01 1.09 0.00	33.54 1.44 0.00	31.35 1.43 0.00	30.48 1.37 0.00	30.70 1.36 0.00	30.67 1.35 0.00	30.62 1.17 0.00
PYRITES____HYD 24023	30.55 0.53 0.00	29.69 0.58 0.00	24.00 0.46 0.00	24.45 0.44 0.00	23.62 0.38 0.00	24.17 0.23 0.00	25.81 0.18 0.00	19.33 -0.21 0.00	22.30 -0.22 0.00	25.66 -0.24 0.00	27.23 -0.29 0.00	30.22 -0.45 0.00	27.86 -0.35 0.00	31.73 -0.33 0.00	33.09 -0.33 0.00	32.60 -0.53 0.00	29.11 -0.39 0.00	28.60 -0.32 0.00	31.91 -0.18 0.00	29.73 -0.19 0.00	28.95 -0.17 0.00	29.23 -0.11 0.00	29.41 0.09 0.00	30.01 0.56 0.00

QUAKERRD_115KV_BK1 80622	29.76 -0.25 0.00	28.55 -0.56 0.00	23.01 -0.53 0.00	23.30 -0.71 0.00	22.49 -0.75 0.00	23.33 -0.61 0.00	25.02 -0.60 0.00	19.13 -0.42 0.00	22.12 -0.40 0.00	25.60 -0.30 0.00	27.32 -0.20 0.00	30.57 -0.10 0.00	28.22 0.00 0.00	32.15 0.10 0.00	33.75 0.33 0.00	33.68 0.55 0.00	30.07 0.57 0.00	29.49 0.56 0.00	32.94 0.85 0.00	30.60 0.69 0.00	29.63 0.52 0.00	29.71 0.37 0.00	29.76 0.43 0.00	29.82 0.37 0.00
QUENSBRY_115KV_TB8 356137	31.96 1.95 0.00	30.94 1.83 0.00	25.02 1.48 0.00	25.46 1.45 0.00	24.64 1.40 0.00	25.37 1.43 0.00	27.13 1.50 0.00	20.81 1.27 0.00	24.06 1.54 0.00	27.57 1.67 0.00	29.31 1.80 0.00	32.66 1.99 0.00	29.86 1.65 0.00	33.92 1.86 0.00	35.47 2.06 0.00	35.06 1.93 0.00	31.30 1.79 0.00	30.91 1.99 0.00	34.39 2.29 0.00	31.88 1.97 0.00	30.97 1.86 0.00	31.34 2.00 0.00	31.25 1.93 0.00	31.10 1.65 0.00
RAMAPO___LBMP 323565	31.32 1.30 0.00	30.37 1.26 0.00	24.53 0.99 0.00	24.97 0.96 0.00	24.10 0.86 0.00	24.85 0.91 0.00	26.59 0.96 0.00	20.57 1.03 0.00	23.70 1.18 0.00	27.23 1.33 0.00	29.11 1.59 0.00	32.50 1.83 0.00	29.89 1.67 0.00	33.81 1.76 0.00	35.22 1.80 0.00	34.80 1.67 0.00	30.95 1.45 0.00	30.25 1.33 0.00	33.18 1.09 0.00	30.95 1.03 0.00	30.23 1.12 0.00	30.59 1.25 0.00	30.63 1.31 0.00	30.42 0.97 0.00
RANKINE____ 23646	31.16 1.14 0.00	29.71 0.60 0.00	23.86 0.32 0.00	24.05 0.04 0.00	23.19 -0.05 0.00	24.19 0.25 0.00	26.01 0.39 0.00	19.86 0.31 0.00	23.01 0.49 0.00	26.71 0.81 0.00	28.48 0.96 0.00	31.95 1.27 0.00	29.46 1.24 0.00	33.62 1.57 0.00	35.43 2.02 0.00	35.47 2.34 0.00	31.64 2.14 0.00	30.94 2.01 0.00	34.69 2.59 0.00	32.12 2.21 0.00	31.03 1.92 0.00	31.08 1.74 0.00	31.32 2.00 0.00	31.49 2.05 0.00
RAVENSWOOD_GT2_1 24244	31.80 1.79 0.00	30.82 1.71 0.00	24.91 1.37 0.00	25.34 1.33 0.00	24.45 1.21 0.00	25.19 1.25 0.00	26.96 1.33 0.00	20.89 1.34 0.00	24.07 1.55 0.00	27.67 1.77 0.00	29.59 2.07 0.00	33.01 2.34 0.00	30.37 2.15 0.00	34.28 2.22 0.00	35.64 2.23 0.00	35.17 2.03 0.00	31.25 1.75 0.00	30.55 1.62 0.00	33.42 1.32 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.90 1.56 0.00	30.97 1.65 0.00	30.75 1.30 0.00
RAVENSWOOD_GT2_2 24245	31.80 1.79 0.00	30.82 1.71 0.00	24.91 1.37 0.00	25.34 1.33 0.00	24.45 1.21 0.00	25.19 1.25 0.00	26.96 1.33 0.00	20.89 1.34 0.00	24.07 1.55 0.00	27.67 1.77 0.00	29.59 2.07 0.00	33.01 2.34 0.00	30.37 2.15 0.00	34.28 2.22 0.00	35.64 2.23 0.00	35.17 2.03 0.00	31.25 1.75 0.00	30.55 1.62 0.00	33.42 1.32 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.90 1.56 0.00	30.97 1.65 0.00	30.75 1.30 0.00
RAVENSWOOD_GT2_3 24246	31.82 1.81 0.00	30.83 1.72 0.00	24.93 1.40 0.00	25.36 1.35 0.00	24.45 1.22 0.00	25.21 1.27 0.00	26.97 1.34 0.00	20.90 1.36 0.00	24.09 1.57 0.00	27.69 1.79 0.00	29.60 2.09 0.00	33.03 2.36 0.00	30.39 2.17 0.00	34.29 2.24 0.00	35.65 2.24 0.00	35.19 2.06 0.00	31.27 1.77 0.00	30.58 1.65 0.00	33.45 1.35 0.00	31.22 1.30 0.00	30.52 1.41 0.00	30.93 1.58 0.00	30.99 1.67 0.00	30.76 1.32 0.00
RAVENSWOOD_GT2_4 24247	31.82 1.81 0.00	30.83 1.72 0.00	24.93 1.40 0.00	25.36 1.35 0.00	24.45 1.22 0.00	25.21 1.27 0.00	26.97 1.34 0.00	20.90 1.36 0.00	24.09 1.57 0.00	27.69 1.79 0.00	29.60 2.09 0.00	33.03 2.36 0.00	30.39 2.17 0.00	34.29 2.24 0.00	35.65 2.24 0.00	35.19 2.06 0.00	31.27 1.77 0.00	30.58 1.65 0.00	33.45 1.35 0.00	31.22 1.30 0.00	30.52 1.41 0.00	30.93 1.58 0.00	30.99 1.67 0.00	30.76 1.32 0.00
RAVENSWOOD_GT3_1 24248	31.80 1.79 0.00	30.82 1.71 0.00	24.91 1.37 0.00	25.34 1.33 0.00	24.45 1.21 0.00	25.19 1.25 0.00	26.96 1.33 0.00	20.89 1.34 0.00	24.07 1.55 0.00	27.67 1.77 0.00	29.59 2.08 0.00	33.01 2.34 0.00	30.37 2.15 0.00	34.28 2.22 0.00	35.65 2.24 0.00	35.17 2.03 0.00	31.25 1.75 0.00	30.55 1.62 0.00	33.42 1.32 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.90 1.56 0.00	30.97 1.65 0.00	30.75 1.30 0.00
RAVENSWOOD_GT3_2 24249	31.80 1.79 0.00	30.82 1.71 0.00	24.91 1.37 0.00	25.34 1.33 0.00	24.45 1.21 0.00	25.19 1.25 0.00	26.96 1.33 0.00	20.89 1.34 0.00	24.07 1.55 0.00	27.67 1.77 0.00	29.59 2.08 0.00	33.01 2.34 0.00	30.37 2.15 0.00	34.28 2.22 0.00	35.65 2.24 0.00	35.17 2.03 0.00	31.25 1.75 0.00	30.55 1.62 0.00	33.42 1.32 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.90 1.56 0.00	30.97 1.65 0.00	30.75 1.30 0.00
RAVENSWOOD_GT3_3 24250	31.87 1.86 0.00	30.88 1.77 0.00	24.96 1.42 0.00	25.39 1.38 0.00	24.49 1.25 0.00	25.23 1.30 0.00	27.01 1.39 0.00	20.93 1.39 0.00	24.12 1.59 0.00	27.73 1.83 0.00	29.65 2.13 0.00	33.07 2.40 0.00	30.43 2.22 0.00	34.35 2.30 0.00	35.72 2.31 0.00	35.25 2.12 0.00	31.32 1.82 0.00	30.63 1.71 0.00	33.50 1.40 0.00	31.27 1.36 0.00	30.57 1.46 0.00	30.97 1.63 0.00	31.04 1.72 0.00	30.81 1.36 0.00
RAVENSWOOD_GT3_4 24251	31.87 1.86 0.00	30.88 1.77 0.00	24.96 1.42 0.00	25.39 1.38 0.00	24.49 1.25 0.00	25.23 1.30 0.00	27.01 1.39 0.00	20.93 1.38 0.00	24.12 1.60 0.00	27.73 1.83 0.00	29.65 2.13 0.00	33.07 2.41 0.00	30.43 2.22 0.00	34.35 2.30 0.00	35.72 2.31 0.00	35.25 2.11 0.00	31.32 1.82 0.00	30.63 1.70 0.00	33.50 1.40 0.00	31.27 1.36 0.00	30.57 1.46 0.00	30.97 1.63 0.00	31.05 1.72 0.00	30.81 1.36 0.00
RAVENSWOOD_GT_1 23729	31.83 1.82 0.00	30.84 1.73 0.00	24.96 1.42 0.00	25.38 1.37 0.00	24.49 1.25 0.00	25.23 1.29 0.00	27.00 1.38 0.00	20.93 1.38 0.00	24.12 1.59 0.00	27.72 1.83 0.00	29.64 2.13 0.00	33.04 2.37 0.00	30.42 2.20 0.00	34.26 2.21 0.00	35.63 2.22 0.00	35.16 2.03 0.00	31.29 1.79 0.00	30.58 1.66 0.00	33.40 1.31 0.00	31.23 1.31 0.00	30.54 1.43 0.00	30.93 1.59 0.00	30.99 1.67 0.00	30.78 1.33 0.00
RAVENSWOOD_GT_10 24258	31.81 1.80 0.00	30.82 1.71 0.00	24.91 1.38 0.00	25.34 1.33 0.00	24.45 1.21 0.00	25.19 1.25 0.00	26.96 1.33 0.00	20.89 1.34 0.00	24.07 1.55 0.00	27.67 1.77 0.00	29.59 2.08 0.00	33.01 2.34 0.00	30.37 2.15 0.00	34.28 2.23 0.00	35.65 2.24 0.00	35.17 2.04 0.00	31.26 1.75 0.00	30.56 1.64 0.00	33.43 1.33 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.91 1.57 0.00	30.98 1.65 0.00	30.75 1.30 0.00
RAVENSWOOD_GT_11 24259	31.81 1.79 0.00	30.82 1.71 0.00	24.91 1.38 0.00	25.34 1.33 0.00	24.45 1.21 0.00	25.19 1.25 0.00	26.96 1.33 0.00	20.89 1.34 0.00	24.07 1.55 0.00	27.67 1.77 0.00	29.59 2.08 0.00	33.01 2.34 0.00	30.37 2.15 0.00	34.28 2.23 0.00	35.65 2.24 0.00	35.17 2.04 0.00	31.26 1.75 0.00	30.55 1.63 0.00	33.43 1.33 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.90 1.56 0.00	30.98 1.65 0.00	30.75 1.30 0.00

RAVENSWOOD_GT_4 24252	31.83 1.81 0.00	30.84 1.73 0.00	24.92 1.38 0.00	25.35 1.34 0.00	24.45 1.21 0.00	25.20 1.26 0.00	26.97 1.34 0.00	20.89 1.35 0.00	24.07 1.55 0.00	27.68 1.78 0.00	29.59 2.08 0.00	33.01 2.34 0.00	30.37 2.16 0.00	34.30 2.24 0.00	35.66 2.25 0.00	35.19 2.06 0.00	31.26 1.76 0.00	30.57 1.65 0.00	33.45 1.35 0.00	31.21 1.30 0.00	30.51 1.39 0.00	30.91 1.57 0.00	30.98 1.65 0.00	30.75 1.31 0.00
RAVENSWOOD_GT_5 24254	31.83 1.81 0.00	30.84 1.73 0.00	24.92 1.38 0.00	25.35 1.34 0.00	24.45 1.21 0.00	25.20 1.26 0.00	26.97 1.34 0.00	20.89 1.35 0.00	24.07 1.55 0.00	27.68 1.78 0.00	29.59 2.08 0.00	33.01 2.34 0.00	30.37 2.16 0.00	34.30 2.24 0.00	35.66 2.25 0.00	35.19 2.06 0.00	31.26 1.76 0.00	30.57 1.65 0.00	33.45 1.35 0.00	31.21 1.30 0.00	30.51 1.39 0.00	30.91 1.57 0.00	30.98 1.65 0.00	30.75 1.31 0.00
RAVENSWOOD_GT_6 24253	31.83 1.81 0.00	30.84 1.73 0.00	24.92 1.38 0.00	25.35 1.34 0.00	24.45 1.21 0.00	25.20 1.26 0.00	26.97 1.34 0.00	20.89 1.35 0.00	24.07 1.55 0.00	27.68 1.78 0.00	29.59 2.08 0.00	33.01 2.34 0.00	30.37 2.16 0.00	34.30 2.24 0.00	35.66 2.25 0.00	35.19 2.06 0.00	31.26 1.76 0.00	30.57 1.65 0.00	33.45 1.35 0.00	31.21 1.30 0.00	30.51 1.39 0.00	30.91 1.57 0.00	30.98 1.65 0.00	30.75 1.31 0.00
RAVENSWOOD_GT_7 24255	31.83 1.81 0.00	30.84 1.73 0.00	24.92 1.38 0.00	25.35 1.34 0.00	24.45 1.21 0.00	25.20 1.26 0.00	26.97 1.34 0.00	20.89 1.35 0.00	24.07 1.55 0.00	27.68 1.78 0.00	29.59 2.08 0.00	33.01 2.34 0.00	30.37 2.16 0.00	34.30 2.24 0.00	35.66 2.25 0.00	35.19 2.06 0.00	31.26 1.76 0.00	30.57 1.65 0.00	33.45 1.35 0.00	31.21 1.30 0.00	30.51 1.39 0.00	30.91 1.57 0.00	30.98 1.65 0.00	30.75 1.31 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.81 1.80 0.00	30.82 1.71 0.00	24.91 1.38 0.00	25.34 1.33 0.00	24.45 1.21 0.00	25.19 1.25 0.00	26.96 1.33 0.00	20.89 1.34 0.00	24.07 1.55 0.00	27.67 1.77 0.00	29.59 2.08 0.00	33.01 2.34 0.00	30.37 2.15 0.00	34.28 2.23 0.00	35.65 2.24 0.00	35.17 2.04 0.00	31.26 1.75 0.00	30.56 1.64 0.00	33.43 1.33 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.91 1.57 0.00	30.98 1.65 0.00	30.75 1.30 0.00
RAVENSWOOD_GT_9 24257	31.81 1.79 0.00	30.82 1.71 0.00	24.91 1.38 0.00	25.34 1.33 0.00	24.45 1.21 0.00	25.19 1.25 0.00	26.96 1.33 0.00	20.89 1.34 0.00	24.07 1.55 0.00	27.67 1.77 0.00	29.59 2.08 0.00	33.01 2.34 0.00	30.37 2.15 0.00	34.28 2.23 0.00	35.65 2.24 0.00	35.17 2.04 0.00	31.26 1.75 0.00	30.55 1.63 0.00	33.43 1.33 0.00	31.20 1.29 0.00	30.51 1.39 0.00	30.90 1.56 0.00	30.98 1.65 0.00	30.75 1.30 0.00
RAVENSWOOD___1 23533	31.80 1.78 0.00	30.81 1.70 0.00	24.94 1.40 0.00	25.36 1.36 0.00	24.47 1.23 0.00	25.21 1.27 0.00	26.98 1.35 0.00	20.91 1.37 0.00	24.09 1.57 0.00	27.70 1.80 0.00	29.62 2.10 0.00	33.01 2.34 0.00	30.40 2.19 0.00	34.24 2.19 0.00	35.61 2.20 0.00	35.13 2.00 0.00	31.27 1.76 0.00	30.57 1.64 0.00	33.38 1.28 0.00	31.21 1.30 0.00	30.52 1.41 0.00	30.91 1.57 0.00	30.97 1.65 0.00	30.76 1.31 0.00
RAVENSWOOD___2 23534	31.54 1.52 0.00	30.61 1.50 0.00	24.83 1.29 0.00	25.31 1.29 0.00	24.41 1.17 0.00	25.16 1.22 0.00	26.92 1.29 0.00	20.86 1.32 0.00	24.04 1.52 0.00	27.63 1.74 0.00	29.53 2.01 0.00	32.87 2.20 0.00	30.26 2.05 0.00	34.00 1.95 0.00	35.31 1.90 0.00	34.83 1.70 0.00	31.04 1.54 0.00	30.41 1.50 0.00	33.17 1.08 0.00	31.06 1.15 0.00	30.43 1.31 0.00	30.80 1.46 0.00	30.87 1.54 0.00	30.64 1.20 0.00
RAVENSWOOD___3 23535	31.81 1.79 0.00	30.82 1.71 0.00	24.92 1.38 0.00	25.34 1.33 0.00	24.45 1.21 0.00	25.20 1.26 0.00	26.96 1.34 0.00	20.89 1.35 0.00	24.07 1.55 0.00	27.67 1.77 0.00	29.59 2.08 0.00	33.01 2.34 0.00	30.37 2.15 0.00	34.28 2.23 0.00	35.65 2.24 0.00	35.17 2.04 0.00	31.26 1.75 0.00	30.56 1.63 0.00	33.42 1.33 0.00	31.21 1.29 0.00	30.51 1.39 0.00	30.91 1.57 0.00	30.98 1.65 0.00	30.75 1.30 0.00
RAVENSWOOD___4 23820	31.77 1.75 0.00	30.78 1.67 0.00	24.92 1.38 0.00	25.35 1.33 0.00	24.45 1.21 0.00	25.19 1.25 0.00	26.95 1.33 0.00	20.89 1.35 0.00	24.07 1.55 0.00	27.68 1.78 0.00	29.59 2.08 0.00	32.98 2.31 0.00	30.38 2.17 0.00	34.21 2.16 0.00	35.59 2.18 0.00	35.12 1.99 0.00	31.25 1.74 0.00	30.55 1.63 0.00	33.35 1.26 0.00	31.19 1.28 0.00	30.51 1.40 0.00	30.90 1.56 0.00	30.96 1.63 0.00	30.74 1.30 0.00
RCPL_TRUST___DRP 24196	31.79 1.77 0.00	30.80 1.69 0.00	24.89 1.35 0.00	25.33 1.31 0.00	24.43 1.19 0.00	25.18 1.24 0.00	26.94 1.32 0.00	20.88 1.33 0.00	24.06 1.54 0.00	27.66 1.76 0.00	29.59 2.08 0.00	33.01 2.33 0.00	30.36 2.15 0.00	34.28 2.23 0.00	35.64 2.23 0.00	35.15 2.02 0.00	31.23 1.73 0.00	30.54 1.62 0.00	33.42 1.32 0.00	31.18 1.27 0.00	30.48 1.36 0.00	30.87 1.53 0.00	30.95 1.62 0.00	30.71 1.26 0.00
RED___ROCHESTER 323720	30.91 0.89 0.00	29.58 0.47 0.00	23.80 0.26 0.00	24.06 0.05 0.00	23.22 -0.02 0.00	24.12 0.18 0.00	25.88 0.25 0.00	19.77 0.23 0.00	22.87 0.35 0.00	26.53 0.63 0.00	28.30 0.79 0.00	31.72 1.06 0.00	29.31 1.10 0.00	33.45 1.40 0.00	35.17 1.75 0.00	35.19 2.06 0.00	31.44 1.94 0.00	30.82 1.90 0.00	34.49 2.39 0.00	32.02 2.11 0.00	30.97 1.86 0.00	31.02 1.68 0.00	31.09 1.77 0.00	31.17 1.72 0.00
REGAN___SOLAR 323812	33.31 3.30 0.00	32.11 3.00 0.00	25.85 2.31 0.00	26.29 2.28 0.00	25.44 2.20 0.00	26.26 2.32 0.00	28.09 2.46 0.00	21.38 1.84 0.00	24.69 2.17 0.00	28.30 2.40 0.00	29.94 2.42 0.00	33.33 2.66 0.00	30.61 2.39 0.00	34.73 2.68 0.00	38.01 4.60 0.00	36.13 3.00 0.00	31.72 2.22 0.00	31.59 2.67 0.00	35.51 3.42 0.00	33.43 3.51 0.00	32.55 3.43 0.00	32.68 3.34 0.00	32.57 3.24 0.00	32.56 3.12 0.00
RENSSELAER___COGEN 23796	30.48 0.46 0.00	29.76 0.65 0.00	24.13 0.59 0.00	24.64 0.63 0.00	23.82 0.58 0.00	24.53 0.59 0.00	26.21 0.59 0.00	20.16 0.62 0.00	23.18 0.66 0.00	26.55 0.65 0.00	28.32 0.80 0.00	31.55 0.88 0.00	28.95 0.73 0.00	32.77 0.72 0.00	34.15 0.74 0.00	33.86 0.73 0.00	30.10 0.60 0.00	29.54 0.62 0.00	32.56 0.47 0.00	30.37 0.45 0.00	29.58 0.47 0.00	29.85 0.51 0.00	29.85 0.53 0.00	29.76 0.31 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.76 3.74 0.00	32.49 3.38 0.00	26.20 2.66 0.00	26.54 2.52 0.00	25.70 2.47 0.00	26.46 2.52 0.00	28.31 2.68 0.00	21.69 2.15 0.00	25.14 2.62 0.00	28.81 2.91 0.00	31.17 3.65 0.00	34.59 3.92 0.00	31.56 3.34 0.00	35.92 3.87 0.00	37.58 4.17 0.00	37.08 3.95 0.00	33.19 3.69 0.00	32.59 3.67 0.00	36.04 3.94 0.00	33.37 3.46 0.00	32.47 3.35 0.00	32.65 3.31 0.00	32.59 3.26 0.00	32.51 3.06 0.00

REVERE_CPDR_DRP 24186	30.94 0.92 0.00	29.88 0.77 0.00	24.12 0.58 0.00	24.56 0.55 0.00	23.76 0.52 0.00	24.50 0.56 0.00	26.23 0.60 0.00	20.02 0.48 0.00	23.08 0.56 0.00	26.59 0.69 0.00	28.40 0.88 0.00	31.75 1.08 0.00	29.24 1.02 0.00	33.23 1.18 0.00	34.65 1.24 0.00	34.34 1.21 0.00	30.56 1.06 0.00	30.03 1.11 0.00	33.52 1.43 0.00	31.32 1.40 0.00	30.43 1.31 0.00	30.57 1.23 0.00	30.44 1.12 0.00	30.39 0.95 0.00
REYNOLDS_115KV_TB3 80639	30.75 0.73 0.00	30.01 0.90 0.00	24.33 0.79 0.00	24.85 0.84 0.00	24.03 0.79 0.00	24.74 0.80 0.00	26.43 0.81 0.00	20.31 0.76 0.00	23.35 0.83 0.00	26.74 0.84 0.00	28.51 1.00 0.00	31.76 1.09 0.00	29.14 0.92 0.00	32.97 0.92 0.00	34.36 0.94 0.00	34.09 0.96 0.00	30.31 0.80 0.00	29.74 0.82 0.00	32.76 0.67 0.00	30.55 0.63 0.00	29.76 0.65 0.00	30.06 0.71 0.00	30.08 0.75 0.00	29.98 0.53 0.00
RIVERBAY____ 323610	32.03 2.01 0.00	31.06 1.95 0.00	25.14 1.60 0.00	25.57 1.55 0.00	24.68 1.45 0.00	25.44 1.50 0.00	27.20 1.57 0.00	21.06 1.51 0.00	24.23 1.71 0.00	27.80 1.90 0.00	29.82 2.30 0.00	33.25 2.58 0.00	30.61 2.40 0.00	34.40 2.35 0.00	35.86 2.44 0.00	35.31 2.17 0.00	31.37 1.87 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.30 1.39 0.00	30.59 1.48 0.00	30.98 1.64 0.00	31.03 1.70 0.00	30.87 1.42 0.00
RIVERSIDE_115KV_TB3 55908	30.67 0.65 0.00	29.92 0.81 0.00	24.25 0.71 0.00	24.77 0.75 0.00	23.94 0.70 0.00	24.66 0.72 0.00	26.35 0.72 0.00	20.25 0.71 0.00	23.29 0.77 0.00	26.67 0.78 0.00	28.45 0.93 0.00	31.70 1.03 0.00	29.09 0.88 0.00	32.93 0.88 0.00	34.32 0.91 0.00	34.04 0.91 0.00	30.27 0.77 0.00	29.72 0.79 0.00	32.74 0.65 0.00	30.52 0.61 0.00	29.72 0.61 0.00	30.00 0.66 0.00	30.02 0.69 0.00	29.91 0.46 0.00
ROARING__BROOK_WT_PWR 323790	29.91 -0.11 0.00	29.02 -0.09 0.00	23.48 -0.06 0.00	23.95 -0.07 0.00	23.19 -0.05 0.00	23.88 -0.06 0.00	25.57 -0.06 0.00	19.45 -0.09 0.00	22.41 -0.11 0.00	25.78 -0.12 0.00	27.35 -0.17 0.00	30.46 -0.21 0.00	28.02 -0.19 0.00	31.83 -0.22 0.00	33.18 -0.23 0.00	32.87 -0.26 0.00	29.28 -0.22 0.00	28.67 -0.25 0.00	31.87 -0.22 0.00	29.66 -0.25 0.00	28.87 -0.25 0.00	28.99 -0.35 0.00	29.01 -0.31 0.00	29.25 -0.20 0.00
ROCHESRG_115KV_T4 355643	30.54 0.53 0.00	29.26 0.15 0.00	23.56 0.02 0.00	23.82 -0.19 0.00	22.99 -0.25 0.00	23.88 -0.06 0.00	25.63 0.00 0.00	19.58 0.04 0.00	22.64 0.12 0.00	26.23 0.33 0.00	27.96 0.44 0.00	31.31 0.64 0.00	28.90 0.69 0.00	32.95 0.90 0.00	34.63 1.22 0.00	34.63 1.50 0.00	30.92 1.42 0.00	30.29 1.37 0.00	33.87 1.78 0.00	31.45 1.54 0.00	30.45 1.34 0.00	30.52 1.18 0.00	30.63 1.30 0.00	30.71 1.26 0.00
ROCHESTER_9_IC 23652	30.74 0.72 0.00	29.43 0.32 0.00	23.69 0.16 0.00	23.96 -0.05 0.00	23.11 -0.13 0.00	24.01 0.07 0.00	25.77 0.15 0.00	19.69 0.14 0.00	22.77 0.24 0.00	26.39 0.49 0.00	28.14 0.63 0.00	31.54 0.86 0.00	29.12 0.91 0.00	33.22 1.17 0.00	34.92 1.51 0.00	34.93 1.80 0.00	31.20 1.70 0.00	30.58 1.66 0.00	34.21 2.11 0.00	31.76 1.85 0.00	30.73 1.62 0.00	30.80 1.46 0.00	30.89 1.56 0.00	30.97 1.52 0.00
ROCKVIEW_13_KV_LD 356306	31.79 1.78 0.00	30.81 1.71 0.00	24.90 1.36 0.00	25.34 1.32 0.00	24.45 1.21 0.00	25.20 1.26 0.00	26.95 1.33 0.00	20.86 1.32 0.00	24.05 1.53 0.00	27.65 1.75 0.00	29.57 2.05 0.00	33.00 2.33 0.00	30.35 2.13 0.00	34.30 2.24 0.00	35.69 2.28 0.00	35.25 2.12 0.00	31.29 1.79 0.00	30.61 1.69 0.00	33.54 1.45 0.00	31.28 1.37 0.00	30.56 1.45 0.00	30.94 1.60 0.00	30.99 1.66 0.00	30.76 1.31 0.00
ROME____115KV_TB2 80656	30.94 0.92 0.00	29.88 0.77 0.00	24.12 0.58 0.00	24.56 0.55 0.00	23.76 0.52 0.00	24.50 0.56 0.00	26.23 0.60 0.00	20.02 0.48 0.00	23.08 0.56 0.00	26.59 0.69 0.00	28.40 0.88 0.00	31.75 1.08 0.00	29.24 1.02 0.00	33.23 1.18 0.00	34.65 1.24 0.00	34.34 1.21 0.00	30.56 1.06 0.00	30.03 1.11 0.00	33.52 1.43 0.00	31.32 1.40 0.00	30.43 1.31 0.00	30.57 1.23 0.00	30.44 1.12 0.00	30.39 0.95 0.00
ROSETON__1 23587	31.31 1.29 0.00	30.38 1.27 0.00	24.58 1.04 0.00	25.03 1.02 0.00	24.17 0.93 0.00	24.90 0.96 0.00	26.63 1.01 0.00	20.57 1.03 0.00	23.70 1.18 0.00	27.22 1.32 0.00	29.07 1.56 0.00	32.43 1.76 0.00	29.81 1.60 0.00	33.71 1.66 0.00	35.10 1.69 0.00	34.72 1.59 0.00	30.84 1.34 0.00	30.18 1.25 0.00	33.14 1.04 0.00	30.91 1.00 0.00	30.19 1.07 0.00	30.52 1.18 0.00	30.55 1.23 0.00	30.37 0.93 0.00
ROSETON__2 23588	31.31 1.29 0.00	30.38 1.27 0.00	24.58 1.04 0.00	25.03 1.02 0.00	24.17 0.93 0.00	24.90 0.96 0.00	26.63 1.01 0.00	20.57 1.03 0.00	23.70 1.18 0.00	27.22 1.32 0.00	29.07 1.56 0.00	32.43 1.76 0.00	29.81 1.60 0.00	33.71 1.66 0.00	35.10 1.69 0.00	34.72 1.59 0.00	30.84 1.34 0.00	30.18 1.25 0.00	33.14 1.04 0.00	30.91 1.00 0.00	30.19 1.07 0.00	30.52 1.18 0.00	30.55 1.23 0.00	30.37 0.93 0.00
ROTTDAM_115KV_TB3 80664	31.17 1.15 0.00	30.26 1.15 0.00	24.49 0.95 0.00	24.99 0.98 0.00	24.16 0.92 0.00	24.88 0.94 0.00	26.59 0.97 0.00	20.40 0.86 0.00	23.52 1.00 0.00	26.99 1.09 0.00	28.75 1.23 0.00	32.05 1.38 0.00	29.43 1.21 0.00	33.35 1.30 0.00	34.78 1.37 0.00	34.45 1.32 0.00	30.65 1.14 0.00	30.07 1.15 0.00	33.27 1.17 0.00	31.02 1.11 0.00	30.19 1.08 0.00	30.48 1.14 0.00	30.48 1.15 0.00	30.39 0.95 0.00
RUSSELL__1 23602	30.90 0.89 0.00	29.58 0.47 0.00	23.81 0.27 0.00	24.07 0.05 0.00	23.22 -0.02 0.00	24.12 0.18 0.00	25.88 0.25 0.00	19.77 0.23 0.00	22.87 0.35 0.00	26.53 0.63 0.00	28.30 0.79 0.00	31.72 1.06 0.00	29.31 1.09 0.00	33.45 1.40 0.00	35.17 1.75 0.00	35.19 2.06 0.00	31.44 1.94 0.00	30.82 1.90 0.00	34.49 2.39 0.00	32.02 2.11 0.00	30.97 1.86 0.00	31.02 1.68 0.00	31.10 1.77 0.00	31.17 1.72 0.00
RUSSELL__2 23532	30.90 0.89 0.00	29.58 0.47 0.00	23.81 0.27 0.00	24.07 0.05 0.00	23.22 -0.02 0.00	24.12 0.18 0.00	25.88 0.25 0.00	19.77 0.23 0.00	22.87 0.35 0.00	26.53 0.63 0.00	28.30 0.79 0.00	31.72 1.06 0.00	29.31 1.09 0.00	33.45 1.40 0.00	35.17 1.75 0.00	35.19 2.06 0.00	31.44 1.94 0.00	30.82 1.90 0.00	34.49 2.39 0.00	32.02 2.11 0.00	30.97 1.86 0.00	31.02 1.68 0.00	31.10 1.77 0.00	31.17 1.72 0.00
RUSSELL__3 23549	30.90 0.89 0.00	29.58 0.47 0.00	23.81 0.27 0.00	24.07 0.05 0.00	23.22 -0.02 0.00	24.12 0.18 0.00	25.88 0.25 0.00	19.77 0.23 0.00	22.87 0.35 0.00	26.53 0.63 0.00	28.30 0.79 0.00	31.72 1.06 0.00	29.31 1.09 0.00	33.45 1.40 0.00	35.17 1.75 0.00	35.19 2.06 0.00	31.44 1.94 0.00	30.82 1.90 0.00	34.49 2.39 0.00	32.02 2.11 0.00	30.97 1.86 0.00	31.02 1.68 0.00	31.10 1.77 0.00	31.17 1.72 0.00

RUSSELL___4 23556	30.90 0.89 0.00	29.58 0.47 0.00	23.81 0.27 0.00	24.07 0.05 0.00	23.22 -0.02 0.00	24.12 0.18 0.00	25.88 0.25 0.00	19.77 0.23 0.00	22.87 0.35 0.00	26.53 0.63 0.00	28.30 0.79 0.00	31.72 1.06 0.00	29.31 1.09 0.00	33.45 1.40 0.00	35.17 1.75 0.00	35.19 2.06 0.00	31.44 1.94 0.00	30.82 1.90 0.00	34.49 2.39 0.00	32.02 2.11 0.00	30.97 1.86 0.00	31.02 1.68 0.00	31.10 1.77 0.00	31.17 1.72 0.00
RUSSELL___STATION 23914	30.90 0.89 0.00	29.58 0.47 0.00	23.81 0.27 0.00	24.07 0.05 0.00	23.22 -0.02 0.00	24.12 0.18 0.00	25.88 0.25 0.00	19.77 0.23 0.00	22.87 0.35 0.00	26.53 0.63 0.00	28.30 0.79 0.00	31.72 1.06 0.00	29.31 1.09 0.00	33.45 1.40 0.00	35.17 1.75 0.00	35.19 2.06 0.00	31.44 1.94 0.00	30.82 1.90 0.00	34.49 2.39 0.00	32.02 2.11 0.00	30.97 1.86 0.00	31.02 1.68 0.00	31.10 1.77 0.00	31.17 1.72 0.00
S SALMON___HYD 24043	29.92 -0.10 0.00	28.88 -0.23 0.00	23.31 -0.22 0.00	23.73 -0.28 0.00	22.94 -0.30 0.00	23.67 -0.27 0.00	25.33 -0.30 0.00	19.32 -0.22 0.00	22.23 -0.29 0.00	25.62 -0.28 0.00	27.29 -0.23 0.00	30.36 -0.31 0.00	27.96 -0.26 0.00	31.66 -0.39 0.00	33.04 -0.38 0.00	32.60 -0.53 0.00	29.23 -0.27 0.00	28.64 -0.28 0.00	31.96 -0.13 0.00	29.79 -0.13 0.00	29.05 -0.07 0.00	29.24 -0.11 0.00	29.24 -0.09 0.00	29.28 -0.17 0.00
S.PERRY___115KV_TB1 80734	31.86 1.85 0.00	30.46 1.35 0.00	24.48 0.94 0.00	24.75 0.74 0.00	23.88 0.64 0.00	24.82 0.88 0.00	26.66 1.04 0.00	20.34 0.80 0.00	23.35 0.83 0.00	27.07 1.17 0.00	28.80 1.29 0.00	32.20 1.53 0.00	29.69 1.48 0.00	33.90 1.85 0.00	35.56 2.15 0.00	35.47 2.34 0.00	31.63 2.13 0.00	31.07 2.15 0.00	35.00 2.90 0.00	32.65 2.73 0.00	31.93 2.81 0.00	32.11 2.77 0.00	32.15 2.82 0.00	32.16 2.71 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.92 0.90 0.00	29.47 0.36 0.00	23.69 0.15 0.00	23.87 -0.15 0.00	23.00 -0.24 0.00	24.01 0.07 0.00	25.82 0.19 0.00	19.70 0.15 0.00	22.82 0.29 0.00	26.48 0.58 0.00	28.22 0.70 0.00	31.63 0.96 0.00	29.17 0.95 0.00	33.28 1.23 0.00	35.08 1.66 0.00	35.14 2.01 0.00	31.34 1.83 0.00	30.63 1.71 0.00	34.35 2.25 0.00	31.81 1.90 0.00	30.75 1.63 0.00	30.78 1.44 0.00	31.06 1.74 0.00	31.27 1.82 0.00
SAWYER___23_KV_LOAD 55526	30.92 0.90 0.00	29.47 0.36 0.00	23.69 0.15 0.00	23.87 -0.15 0.00	23.00 -0.24 0.00	24.01 0.07 0.00	25.82 0.19 0.00	19.70 0.15 0.00	22.82 0.29 0.00	26.48 0.58 0.00	28.22 0.70 0.00	31.63 0.96 0.00	29.17 0.95 0.00	33.28 1.23 0.00	35.08 1.66 0.00	35.14 2.01 0.00	31.34 1.83 0.00	30.63 1.71 0.00	34.35 2.25 0.00	31.81 1.90 0.00	30.75 1.63 0.00	30.78 1.44 0.00	31.06 1.74 0.00	31.27 1.82 0.00
SELKIRK___I 23801	30.81 0.80 0.00	30.09 0.98 0.00	24.39 0.85 0.00	24.92 0.91 0.00	24.09 0.86 0.00	24.82 0.88 0.00	26.52 0.89 0.00	20.37 0.83 0.00	23.42 0.90 0.00	26.82 0.92 0.00	28.59 1.08 0.00	31.83 1.16 0.00	29.20 0.99 0.00	33.06 1.00 0.00	34.47 1.05 0.00	34.19 1.06 0.00	30.40 0.90 0.00	29.82 0.90 0.00	32.92 0.83 0.00	30.71 0.80 0.00	29.91 0.80 0.00	30.30 0.96 0.00	30.28 0.96 0.00	30.21 0.76 0.00
SELKIRK___II 23799	30.51 0.49 0.00	29.86 0.75 0.00	24.22 0.68 0.00	24.73 0.72 0.00	23.91 0.67 0.00	24.62 0.68 0.00	26.31 0.69 0.00	20.22 0.67 0.00	23.26 0.73 0.00	26.65 0.76 0.00	28.42 0.91 0.00	31.66 0.99 0.00	29.06 0.84 0.00	32.90 0.85 0.00	34.28 0.86 0.00	33.99 0.86 0.00	30.21 0.71 0.00	29.62 0.70 0.00	32.68 0.58 0.00	30.49 0.57 0.00	29.71 0.59 0.00	30.03 0.69 0.00	30.03 0.71 0.00	29.95 0.50 0.00
SENECA OSWGO___HYD 24041	29.56 -0.46 0.00	28.54 -0.56 0.00	23.06 -0.48 0.00	23.49 -0.53 0.00	22.71 -0.53 0.00	23.45 -0.49 0.00	25.10 -0.53 0.00	19.21 -0.33 0.00	22.14 -0.38 0.00	25.48 -0.41 0.00	27.16 -0.35 0.00	30.34 -0.33 0.00	27.94 -0.27 0.00	31.74 -0.31 0.00	33.13 -0.29 0.00	32.81 -0.32 0.00	29.24 -0.26 0.00	28.68 -0.24 0.00	31.90 -0.20 0.00	29.73 -0.18 0.00	28.90 -0.21 0.00	29.09 -0.25 0.00	29.09 -0.23 0.00	29.11 -0.34 0.00
SENECA___115KV_TB3 355854	31.21 1.19 0.00	29.75 0.65 0.00	23.90 0.36 0.00	24.09 0.08 0.00	23.23 -0.01 0.00	24.23 0.29 0.00	26.06 0.43 0.00	19.90 0.35 0.00	23.05 0.53 0.00	26.76 0.86 0.00	28.53 1.02 0.00	32.00 1.33 0.00	29.51 1.29 0.00	33.68 1.63 0.00	35.50 2.09 0.00	35.54 2.41 0.00	31.70 2.20 0.00	30.99 2.07 0.00	34.75 2.65 0.00	32.18 2.27 0.00	31.09 1.97 0.00	31.14 1.80 0.00	31.38 2.05 0.00	31.55 2.10 0.00
SENECA___ENERGY 23797	30.28 0.26 0.00	29.15 0.04 0.00	23.54 0.00 0.00	23.90 -0.11 0.00	23.09 -0.15 0.00	23.87 -0.06 0.00	25.58 -0.04 0.00	19.60 0.06 0.00	22.62 0.10 0.00	26.09 0.19 0.00	27.77 0.26 0.00	31.07 0.40 0.00	28.58 0.37 0.00	32.56 0.51 0.00	34.17 0.76 0.00	33.90 0.77 0.00	30.25 0.75 0.00	29.73 0.81 0.00	33.21 1.11 0.00	30.96 1.04 0.00	30.03 0.92 0.00	30.16 0.82 0.00	30.12 0.80 0.00	30.11 0.66 0.00
SHOEMAKER___GT 23640	31.22 1.20 0.00	30.26 1.16 0.00	24.46 0.93 0.00	24.92 0.91 0.00	24.06 0.82 0.00	24.80 0.86 0.00	26.54 0.91 0.00	20.45 0.91 0.00	23.56 1.04 0.00	27.09 1.19 0.00	28.89 1.38 0.00	32.23 1.56 0.00	29.65 1.44 0.00	33.54 1.49 0.00	34.95 1.54 0.00	34.66 1.53 0.00	30.76 1.26 0.00	30.13 1.21 0.00	33.18 1.08 0.00	30.96 1.05 0.00	30.22 1.10 0.00	30.53 1.19 0.00	30.55 1.22 0.00	30.40 0.95 0.00
SHOEMAKR_138KV_BK 111 55601	31.20 1.18 0.00	30.24 1.13 0.00	24.44 0.90 0.00	24.89 0.88 0.00	24.03 0.80 0.00	24.77 0.83 0.00	26.50 0.88 0.00	20.44 0.89 0.00	23.54 1.02 0.00	27.07 1.17 0.00	28.88 1.37 0.00	32.23 1.56 0.00	29.65 1.44 0.00	33.55 1.49 0.00	34.95 1.54 0.00	34.63 1.50 0.00	30.75 1.25 0.00	30.12 1.19 0.00	33.15 1.06 0.00	30.93 1.02 0.00	30.18 1.07 0.00	30.50 1.16 0.00	30.52 1.20 0.00	30.36 0.91 0.00
SHOREHAM_IC_1 23715	32.64 2.62 0.00	31.49 2.38 0.00	25.66 2.12 0.00	26.01 2.00 0.00	25.06 1.82 0.00	25.87 1.93 0.00	27.52 1.89 0.00	21.32 1.77 0.00	24.74 2.22 0.00	28.22 2.32 0.00	30.36 2.84 0.00	36.18 3.29 -2.23	47.42 3.06 -16.14	36.71 3.36 -1.31	36.61 3.20 0.00	36.12 2.99 0.00	31.56 2.05 0.00	30.89 1.97 0.00	33.74 1.65 0.00	31.37 1.46 0.00	30.60 1.48 0.00	31.16 1.82 0.00	31.30 1.98 0.00	30.88 1.43 0.00
SHOREHAM_IC_2 23716	32.64 2.62 0.00	31.49 2.38 0.00	25.66 2.12 0.00	26.01 2.00 0.00	25.06 1.82 0.00	25.87 1.93 0.00	27.52 1.89 0.00	21.32 1.77 0.00	24.74 2.22 0.00	28.22 2.32 0.00	30.36 2.84 0.00	36.18 3.29 -2.23	47.42 3.06 -16.14	36.71 3.36 -1.31	36.61 3.20 0.00	36.12 2.99 0.00	31.56 2.05 0.00	30.89 1.97 0.00	33.74 1.65 0.00	31.37 1.46 0.00	30.60 1.48 0.00	31.16 1.82 0.00	31.30 1.98 0.00	30.88 1.43 0.00

SISSONVILLE____ 23735	30.09 0.07 0.00	29.26 0.15 0.00	23.66 0.12 0.00	24.11 0.10 0.00	23.25 0.01 0.00	23.69 -0.24 0.00	25.28 -0.35 0.00	18.96 -0.59 0.00	21.85 -0.67 0.00	25.15 -0.75 0.00	26.60 -0.91 0.00	29.47 -1.20 0.00	27.17 -1.05 0.00	30.92 -1.13 0.00	32.20 -1.22 0.00	31.83 -1.30 0.00	28.44 -1.06 0.00	27.91 -1.01 0.00	31.10 -1.00 0.00	28.98 -0.94 0.00	28.24 -0.87 0.00	28.56 -0.78 0.00	28.83 -0.50 0.00	29.49 0.04 0.00
SITHE_IND_GS1 24169	29.15 -0.87 0.00	28.17 -0.94 0.00	22.77 -0.77 0.00	23.19 -0.82 0.00	22.43 -0.81 0.00	23.14 -0.79 0.00	24.78 -0.84 0.00	18.96 -0.59 0.00	21.85 -0.67 0.00	25.15 -0.75 0.00	26.75 -0.76 0.00	29.87 -0.80 0.00	27.51 -0.71 0.00	31.26 -0.79 0.00	32.64 -0.77 0.00	32.37 -0.76 0.00	28.85 -0.65 0.00	28.29 -0.63 0.00	31.45 -0.65 0.00	29.29 -0.62 0.00	28.48 -0.63 0.00	28.67 -0.67 0.00	28.67 -0.66 0.00	28.72 -0.73 0.00
SITHE_IND_GS2 24170	29.15 -0.87 0.00	28.17 -0.94 0.00	22.77 -0.77 0.00	23.19 -0.82 0.00	22.43 -0.81 0.00	23.14 -0.79 0.00	24.78 -0.84 0.00	18.96 -0.59 0.00	21.85 -0.67 0.00	25.15 -0.75 0.00	26.75 -0.76 0.00	29.87 -0.80 0.00	27.51 -0.71 0.00	31.26 -0.79 0.00	32.64 -0.77 0.00	32.37 -0.76 0.00	28.85 -0.65 0.00	28.29 -0.63 0.00	31.45 -0.65 0.00	29.29 -0.62 0.00	28.48 -0.63 0.00	28.67 -0.67 0.00	28.67 -0.66 0.00	28.72 -0.73 0.00
SITHE_IND_GS3 24171	29.15 -0.87 0.00	28.17 -0.94 0.00	22.77 -0.77 0.00	23.19 -0.82 0.00	22.43 -0.81 0.00	23.14 -0.79 0.00	24.78 -0.84 0.00	18.96 -0.59 0.00	21.85 -0.67 0.00	25.15 -0.75 0.00	26.75 -0.76 0.00	29.87 -0.80 0.00	27.51 -0.71 0.00	31.26 -0.79 0.00	32.64 -0.77 0.00	32.37 -0.76 0.00	28.85 -0.65 0.00	28.29 -0.63 0.00	31.45 -0.65 0.00	29.29 -0.62 0.00	28.48 -0.63 0.00	28.67 -0.67 0.00	28.67 -0.66 0.00	28.72 -0.73 0.00
SITHE_IND_GS4 24172	29.15 -0.87 0.00	28.17 -0.94 0.00	22.77 -0.77 0.00	23.19 -0.82 0.00	22.43 -0.81 0.00	23.14 -0.79 0.00	24.78 -0.84 0.00	18.96 -0.59 0.00	21.85 -0.67 0.00	25.15 -0.75 0.00	26.75 -0.76 0.00	29.87 -0.80 0.00	27.51 -0.71 0.00	31.26 -0.79 0.00	32.64 -0.77 0.00	32.37 -0.76 0.00	28.85 -0.65 0.00	28.29 -0.63 0.00	31.45 -0.65 0.00	29.29 -0.62 0.00	28.48 -0.63 0.00	28.67 -0.67 0.00	28.67 -0.66 0.00	28.72 -0.73 0.00
SITHE____BATAVIA 24024	31.54 1.52 0.00	30.03 0.92 0.00	24.15 0.61 0.00	24.34 0.33 0.00	23.47 0.23 0.00	24.43 0.49 0.00	26.26 0.63 0.00	20.01 0.46 0.00	23.18 0.66 0.00	26.87 0.97 0.00	28.60 1.09 0.00	32.11 1.44 0.00	29.67 1.46 0.00	33.89 1.84 0.00	35.73 2.31 0.00	35.82 2.69 0.00	32.05 2.54 0.00	31.40 2.48 0.00	35.28 3.19 0.00	32.81 2.89 0.00	31.71 2.59 0.00	31.72 2.38 0.00	31.84 2.51 0.00	31.96 2.51 0.00
SITHE____INDEPEND 23800	29.15 -0.87 0.00	28.17 -0.94 0.00	22.77 -0.76 0.00	23.19 -0.82 0.00	22.43 -0.81 0.00	23.14 -0.79 0.00	24.78 -0.84 0.00	18.96 -0.59 0.00	21.85 -0.67 0.00	25.15 -0.75 0.00	26.75 -0.76 0.00	29.87 -0.80 0.00	27.51 -0.71 0.00	31.26 -0.79 0.00	32.64 -0.77 0.00	32.37 -0.76 0.00	28.85 -0.65 0.00	28.29 -0.63 0.00	31.45 -0.65 0.00	29.29 -0.62 0.00	28.48 -0.63 0.00	28.67 -0.67 0.00	28.67 -0.66 0.00	28.72 -0.73 0.00
SITHE____MASSENA 23902	30.10 0.08 0.00	29.29 0.18 0.00	23.69 0.15 0.00	24.16 0.15 0.00	23.40 0.16 0.00	24.06 0.11 0.00	25.73 0.10 0.00	19.36 -0.19 0.00	22.31 -0.21 0.00	25.67 -0.23 0.00	27.15 -0.36 0.00	30.15 -0.52 0.00	27.79 -0.43 0.00	31.64 -0.42 0.00	32.95 -0.46 0.00	32.60 -0.53 0.00	29.05 -0.45 0.00	28.48 -0.44 0.00	31.70 -0.39 0.00	29.55 -0.37 0.00	28.75 -0.36 0.00	28.98 -0.36 0.00	29.02 -0.30 0.00	29.56 0.11 0.00
SITHE____OGDNSBRG 24021	30.57 0.55 0.00	29.71 0.60 0.00	24.02 0.48 0.00	24.48 0.47 0.00	23.68 0.44 0.00	24.28 0.34 0.00	25.95 0.33 0.00	19.45 -0.10 0.00	22.42 -0.10 0.00	25.81 -0.09 0.00	27.33 -0.19 0.00	30.34 -0.33 0.00	27.96 -0.25 0.00	31.85 -0.20 0.00	33.19 -0.22 0.00	32.79 -0.34 0.00	29.27 -0.23 0.00	28.77 -0.15 0.00	32.08 -0.01 0.00	29.89 -0.03 0.00	29.10 -0.01 0.00	29.37 0.03 0.00	29.48 0.15 0.00	30.05 0.60 0.00
SITHE____STERLING 23777	30.72 0.70 0.00	29.69 0.58 0.00	23.96 0.42 0.00	24.41 0.39 0.00	23.60 0.36 0.00	24.35 0.41 0.00	26.08 0.45 0.00	19.92 0.38 0.00	22.96 0.44 0.00	26.46 0.56 0.00	28.23 0.72 0.00	31.57 0.90 0.00	29.07 0.85 0.00	33.03 0.98 0.00	34.48 1.06 0.00	34.13 0.99 0.00	30.39 0.88 0.00	29.84 0.91 0.00	33.27 1.17 0.00	31.08 1.16 0.00	30.20 1.08 0.00	30.36 1.02 0.00	30.26 0.93 0.00	30.23 0.78 0.00
SLEIGHT__34_KV_TB1 80719	30.80 0.78 0.00	29.58 0.47 0.00	23.86 0.32 0.00	24.26 0.25 0.00	23.42 0.18 0.00	24.25 0.31 0.00	25.94 0.31 0.00	19.87 0.32 0.00	22.96 0.44 0.00	26.51 0.62 0.00	28.35 0.84 0.00	31.76 1.09 0.00	29.28 1.07 0.00	33.36 1.31 0.00	34.93 1.52 0.00	34.60 1.46 0.00	30.88 1.37 0.00	30.33 1.41 0.00	33.86 1.77 0.00	31.53 1.62 0.00	30.58 1.47 0.00	30.69 1.35 0.00	30.61 1.29 0.00	30.55 1.10 0.00
SOUTH CAIRO____GT 23612	31.74 1.71 0.00	30.99 1.88 0.00	25.10 1.57 0.00	25.64 1.63 0.00	24.80 1.56 0.00	25.56 1.62 0.00	27.31 1.68 0.00	20.99 1.44 0.00	24.18 1.66 0.00	27.79 1.89 0.00	29.55 2.03 0.00	32.80 2.13 0.00	30.06 1.84 0.00	34.04 1.99 0.00	35.64 2.22 0.00	35.37 2.24 0.00	31.44 1.94 0.00	31.02 2.10 0.00	34.44 2.34 0.00	32.23 2.32 0.00	31.40 2.29 0.00	32.28 2.94 0.00	32.06 2.74 0.00	31.83 2.38 0.00
SOUTH HAMPTN____IC 23720	33.42 3.40 0.00	32.23 3.12 0.00	26.21 2.67 0.00	26.55 2.54 0.00	25.58 2.34 0.00	26.39 2.45 0.00	28.09 2.47 0.00	21.78 2.24 0.00	25.32 2.80 0.00	28.92 3.02 0.00	31.12 3.61 0.00	37.08 4.18 -2.23	48.31 3.95 -16.14	37.62 4.26 -1.31	37.65 4.24 0.00	37.18 4.05 0.00	32.52 3.02 0.00	31.82 2.90 0.00	34.76 2.67 0.00	32.27 2.36 0.00	31.45 2.34 0.00	32.12 2.78 0.00	32.16 2.84 0.00	31.67 2.22 0.00
SOUTHDOW_115KV_TB1 355954	31.99 1.97 0.00	30.52 1.41 0.00	24.43 0.89 0.00	24.68 0.67 0.00	23.81 0.57 0.00	24.82 0.88 0.00	26.73 1.11 0.00	20.50 0.96 0.00	23.81 1.29 0.00	27.65 1.75 0.00	29.50 1.98 0.00	33.12 2.45 0.00	30.44 2.22 0.00	34.81 2.76 0.00	36.69 3.28 0.00	36.64 3.51 0.00	32.66 3.16 0.00	31.93 3.01 0.00	35.79 3.69 0.00	33.14 3.23 0.00	31.99 2.88 0.00	32.05 2.71 0.00	32.21 2.88 0.00	32.30 2.85 0.00
SOUTHOLD_69_KV_BK 2 55809	34.00 3.98 0.00	33.09 3.98 0.00	26.86 3.32 0.00	27.18 3.17 0.00	26.19 2.95 0.00	27.01 3.07 0.00	28.77 3.14 0.00	22.31 2.77 0.00	26.00 3.48 0.00	29.33 3.43 0.00	31.46 3.94 0.00	37.50 4.60 -2.23	48.74 4.39 -16.14	37.97 4.61 -1.31	38.13 4.72 0.00	37.71 4.58 0.00	33.01 3.51 0.00	32.31 3.39 0.00	35.28 3.18 0.00	32.66 2.75 0.00	31.83 2.72 0.00	33.56 4.22 0.00	33.13 3.80 0.00	32.54 3.09 0.00

SOUTHOLD___IC 23719	34.00 3.98 0.00	33.07 3.96 0.00	26.85 3.31 0.00	27.18 3.17 0.00	26.19 2.95 0.00	27.01 3.07 0.00	28.77 3.14 0.00	22.32 2.78 0.00	26.00 3.48 0.00	29.33 3.43 0.00	31.46 3.94 0.00	37.50 4.60 -2.23	48.74 4.39 -16.14	37.97 4.61 -1.31	38.13 4.72 0.00	37.72 4.59 0.00	33.01 3.51 0.00	32.31 3.39 0.00	35.28 3.18 0.00	32.66 2.74 0.00	31.83 2.72 0.00	33.56 4.22 0.00	33.13 3.80 0.00	32.55 3.10 0.00
SPIERFLS_115KV_TB 1 80737	31.67 1.66 0.00	30.69 1.58 0.00	24.81 1.27 0.00	25.27 1.26 0.00	24.46 1.21 0.00	25.17 1.23 0.00	26.92 1.30 0.00	20.66 1.12 0.00	23.88 1.36 0.00	27.36 1.46 0.00	29.05 1.54 0.00	32.37 1.70 0.00	29.60 1.38 0.00	33.60 1.55 0.00	35.15 1.74 0.00	34.70 1.57 0.00	30.96 1.45 0.00	30.56 1.63 0.00	34.02 1.92 0.00	31.56 1.64 0.00	30.67 1.55 0.00	31.07 1.73 0.00	30.99 1.66 0.00	30.85 1.40 0.00
ST LAWRENCE___ 23600	29.63 -0.39 0.00	28.85 -0.26 0.00	23.34 -0.20 0.00	23.81 -0.20 0.00	23.09 -0.15 0.00	23.75 -0.19 0.00	25.43 -0.19 0.00	19.20 -0.34 0.00	22.13 -0.40 0.00	25.44 -0.45 0.00	26.90 -0.61 0.00	29.89 -0.78 0.00	27.53 -0.68 0.00	31.35 -0.70 0.00	32.66 -0.75 0.00	32.33 -0.80 0.00	28.80 -0.70 0.00	28.24 -0.68 0.00	31.42 -0.68 0.00	29.28 -0.63 0.00	28.50 -0.61 0.00	28.71 -0.63 0.00	28.71 -0.62 0.00	29.12 -0.33 0.00
STATE_CA_115KV_115_LB 55624	30.71 0.69 0.00	29.95 0.84 0.00	24.26 0.72 0.00	24.78 0.76 0.00	23.95 0.71 0.00	24.66 0.72 0.00	26.35 0.73 0.00	20.27 0.72 0.00	23.31 0.79 0.00	26.71 0.81 0.00	28.50 0.99 0.00	31.78 1.11 0.00	29.18 0.96 0.00	33.05 1.00 0.00	34.45 1.04 0.00	34.15 1.02 0.00	30.37 0.87 0.00	29.81 0.89 0.00	32.86 0.77 0.00	30.63 0.72 0.00	29.82 0.70 0.00	30.08 0.73 0.00	30.08 0.75 0.00	29.97 0.52 0.00
STATE_ST_34_KV_LOAD 55959	30.67 0.65 0.00	29.59 0.48 0.00	23.90 0.36 0.00	24.35 0.33 0.00	23.51 0.27 0.00	24.30 0.36 0.00	25.95 0.33 0.00	19.86 0.32 0.00	22.90 0.37 0.00	26.39 0.49 0.00	27.91 0.40 0.00	31.20 0.53 0.00	28.69 0.48 0.00	32.67 0.62 0.00	34.18 0.77 0.00	34.05 0.92 0.00	30.37 0.87 0.00	29.85 0.93 0.00	33.30 1.20 0.00	31.03 1.12 0.00	30.14 1.02 0.00	30.29 0.95 0.00	30.22 0.89 0.00	30.20 0.75 0.00
STATION 5_MISC_HYD 23604	30.74 0.72 0.00	29.43 0.32 0.00	23.69 0.15 0.00	23.96 -0.06 0.00	23.11 -0.13 0.00	24.01 0.07 0.00	25.77 0.15 0.00	19.68 0.14 0.00	22.77 0.24 0.00	26.39 0.49 0.00	28.14 0.63 0.00	31.54 0.87 0.00	29.13 0.91 0.00	33.22 1.17 0.00	34.92 1.51 0.00	34.93 1.80 0.00	31.20 1.70 0.00	30.59 1.66 0.00	34.21 2.11 0.00	31.76 1.85 0.00	30.73 1.62 0.00	30.80 1.46 0.00	30.89 1.56 0.00	30.96 1.51 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.65 0.63 0.00	29.41 0.29 0.00	23.71 0.17 0.00	24.02 0.00 0.00	23.18 -0.05 0.00	24.04 0.11 0.00	25.79 0.16 0.00	19.72 0.18 0.00	22.82 0.30 0.00	26.40 0.50 0.00	28.17 0.66 0.00	31.55 0.88 0.00	29.10 0.89 0.00	33.18 1.13 0.00	34.83 1.41 0.00	34.67 1.54 0.00	30.96 1.45 0.00	30.38 1.46 0.00	33.98 1.88 0.00	31.59 1.68 0.00	30.59 1.48 0.00	30.67 1.33 0.00	30.66 1.33 0.00	30.67 1.22 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.51 0.49 0.00	29.23 0.12 0.00	23.54 0.00 0.00	23.80 -0.21 0.00	22.97 -0.27 0.00	23.85 -0.09 0.00	25.60 -0.03 0.00	19.56 0.02 0.00	22.63 0.11 0.00	26.21 0.31 0.00	27.98 0.47 0.00	31.35 0.68 0.00	28.95 0.74 0.00	33.03 0.98 0.00	34.71 1.30 0.00	34.69 1.56 0.00	30.99 1.49 0.00	30.38 1.46 0.00	33.97 1.87 0.00	31.53 1.62 0.00	30.51 1.40 0.00	30.57 1.23 0.00	30.63 1.31 0.00	30.69 1.25 0.00
STA_56___34_KV_BUS2 355983	30.51 0.49 0.00	29.23 0.12 0.00	23.54 0.00 0.00	23.80 -0.21 0.00	22.97 -0.27 0.00	23.85 -0.09 0.00	25.60 -0.03 0.00	19.56 0.02 0.00	22.63 0.11 0.00	26.21 0.31 0.00	27.98 0.47 0.00	31.35 0.68 0.00	28.95 0.74 0.00	33.03 0.98 0.00	34.71 1.30 0.00	34.69 1.56 0.00	30.99 1.49 0.00	30.38 1.46 0.00	33.97 1.87 0.00	31.53 1.62 0.00	30.51 1.40 0.00	30.57 1.23 0.00	30.63 1.31 0.00	30.69 1.25 0.00
STA_67___115KV_BK2 355882	30.67 0.65 0.00	29.37 0.26 0.00	23.65 0.11 0.00	23.91 -0.10 0.00	23.07 -0.17 0.00	23.96 0.02 0.00	25.72 0.10 0.00	19.65 0.11 0.00	22.72 0.20 0.00	26.33 0.43 0.00	28.08 0.56 0.00	31.46 0.79 0.00	29.04 0.82 0.00	33.12 1.07 0.00	34.80 1.39 0.00	34.82 1.69 0.00	31.09 1.59 0.00	30.47 1.55 0.00	34.09 1.99 0.00	31.65 1.74 0.00	30.63 1.52 0.00	30.70 1.36 0.00	30.79 1.46 0.00	30.87 1.42 0.00
STA_7___115KV_9TRANS 80674	30.90 0.89 0.00	29.58 0.47 0.00	23.81 0.27 0.00	24.07 0.05 0.00	23.22 -0.02 0.00	24.12 0.18 0.00	25.88 0.25 0.00	19.77 0.23 0.00	22.87 0.35 0.00	26.53 0.63 0.00	28.30 0.79 0.00	31.72 1.06 0.00	29.31 1.09 0.00	33.45 1.40 0.00	35.17 1.75 0.00	35.19 2.06 0.00	31.44 1.94 0.00	30.82 1.90 0.00	34.49 2.39 0.00	32.02 2.11 0.00	30.97 1.86 0.00	31.02 1.68 0.00	31.10 1.77 0.00	31.17 1.72 0.00
STA_82___115KV_TB1 80780	30.69 0.68 0.00	29.39 0.28 0.00	23.67 0.13 0.00	23.92 -0.08 0.00	23.09 -0.15 0.00	23.98 0.04 0.00	25.74 0.11 0.00	19.66 0.12 0.00	22.74 0.22 0.00	26.35 0.45 0.00	28.09 0.58 0.00	31.48 0.81 0.00	29.06 0.85 0.00	33.15 1.10 0.00	34.83 1.42 0.00	34.85 1.72 0.00	31.12 1.62 0.00	30.50 1.58 0.00	34.13 2.03 0.00	31.68 1.77 0.00	30.66 1.55 0.00	30.74 1.39 0.00	30.82 1.49 0.00	30.90 1.45 0.00
STEEL___WIND 323596	31.19 1.17 0.00	29.74 0.63 0.00	23.87 0.33 0.00	24.07 0.05 0.00	23.21 -0.03 0.00	24.21 0.27 0.00	26.03 0.41 0.00	19.88 0.33 0.00	23.02 0.50 0.00	26.73 0.84 0.00	28.49 0.98 0.00	31.97 1.30 0.00	29.47 1.26 0.00	33.63 1.58 0.00	35.46 2.04 0.00	35.48 2.35 0.00	31.65 2.15 0.00	30.96 2.04 0.00	34.71 2.61 0.00	32.15 2.23 0.00	31.06 1.94 0.00	31.11 1.77 0.00	31.35 2.02 0.00	31.52 2.07 0.00
STEPHTWN_115KV_BK_2 55603	30.60 0.58 0.00	30.01 0.90 0.00	24.28 0.74 0.00	24.77 0.76 0.00	23.96 0.72 0.00	24.69 0.75 0.00	26.39 0.76 0.00	20.35 0.80 0.00	23.42 0.90 0.00	26.89 1.00 0.00	28.68 1.16 0.00	31.99 1.32 0.00	29.31 1.10 0.00	33.26 1.21 0.00	34.63 1.22 0.00	34.29 1.16 0.00	30.50 1.00 0.00	29.97 1.04 0.00	33.10 1.01 0.00	30.76 0.85 0.00	29.95 0.84 0.00	30.26 0.92 0.00	30.29 0.96 0.00	30.13 0.68 0.00
STEUBEN_REC_LFGE 323667	31.48 1.46 0.00	30.14 1.04 0.00	24.24 0.70 0.00	24.51 0.49 0.00	23.67 0.43 0.00	24.60 0.66 0.00	26.41 0.79 0.00	20.24 0.69 0.00	23.45 0.93 0.00	27.15 1.26 0.00	28.98 1.47 0.00	32.44 1.77 0.00	29.78 1.57 0.00	33.93 1.88 0.00	35.61 2.20 0.00	35.37 2.24 0.00	31.51 2.01 0.00	30.93 2.01 0.00	34.76 2.67 0.00	32.36 2.45 0.00	31.39 2.28 0.00	31.54 2.20 0.00	31.56 2.24 0.00	31.57 2.12 0.00

STONY___BROOK 24151	32.84 2.82 0.00	31.67 2.56 0.00	25.70 2.16 0.00	26.06 2.04 0.00	25.11 1.87 0.00	25.92 1.98 0.00	27.58 1.96 0.00	21.41 1.86 0.00	24.78 2.26 0.00	28.37 2.47 0.00	30.50 2.99 0.00	36.28 3.38 -2.23	47.53 3.18 -16.14	36.72 3.36 -1.31	36.52 3.11 0.00	36.19 3.06 0.00	31.61 2.11 0.00	30.83 1.91 0.00	33.68 1.59 0.00	31.32 1.41 0.00	30.76 1.65 0.00	31.27 1.93 0.00	31.50 2.17 0.00	31.13 1.68 0.00
STURGEON_POOL_HYD 23609	31.40 1.39 0.00	30.40 1.29 0.00	24.57 1.03 0.00	25.02 1.01 0.00	24.14 0.90 0.00	24.88 0.94 0.00	26.62 0.99 0.00	20.58 1.03 0.00	23.72 1.19 0.00	27.25 1.35 0.00	29.20 1.68 0.00	32.60 1.93 0.00	30.01 1.79 0.00	33.93 1.88 0.00	35.38 1.97 0.00	34.80 1.67 0.00	30.87 1.37 0.00	30.23 1.31 0.00	33.17 1.08 0.00	30.95 1.04 0.00	30.25 1.13 0.00	30.51 1.16 0.00	30.55 1.22 0.00	30.36 0.91 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.27 1.25 0.00	30.31 1.20 0.00	24.48 0.94 0.00	24.93 0.91 0.00	24.06 0.82 0.00	24.81 0.87 0.00	26.54 0.91 0.00	20.49 0.95 0.00	23.64 1.11 0.00	27.16 1.26 0.00	29.05 1.54 0.00	32.44 1.78 0.00	29.85 1.63 0.00	33.80 1.75 0.00	35.19 1.78 0.00	34.78 1.65 0.00	30.90 1.39 0.00	30.22 1.30 0.00	33.22 1.12 0.00	30.98 1.07 0.00	30.23 1.12 0.00	30.56 1.22 0.00	30.59 1.26 0.00	30.39 0.94 0.00
SWANROAD_115KV_TB1 355699	30.43 0.42 0.00	28.96 -0.15 0.00	23.36 -0.18 0.00	23.51 -0.50 0.00	22.66 -0.58 0.00	23.61 -0.33 0.00	25.40 -0.23 0.00	19.31 -0.23 0.00	22.37 -0.15 0.00	25.95 0.05 0.00	27.63 0.11 0.00	30.99 0.32 0.00	28.60 0.39 0.00	32.64 0.59 0.00	34.40 0.99 0.00	34.50 1.37 0.00	30.81 1.31 0.00	30.10 1.18 0.00	33.76 1.67 0.00	31.28 1.37 0.00	30.23 1.12 0.00	30.26 0.92 0.00	30.52 1.20 0.00	30.81 1.36 0.00
SYNERGY___BIOGAS 323694	31.54 1.52 0.00	30.03 0.92 0.00	24.15 0.61 0.00	24.34 0.33 0.00	23.47 0.23 0.00	24.43 0.49 0.00	26.26 0.63 0.00	20.01 0.46 0.00	23.18 0.66 0.00	26.87 0.97 0.00	28.60 1.09 0.00	32.11 1.44 0.00	29.67 1.46 0.00	33.89 1.84 0.00	35.73 2.31 0.00	35.82 2.69 0.00	32.05 2.54 0.00	31.40 2.48 0.00	35.28 3.19 0.00	32.81 2.89 0.00	31.71 2.59 0.00	31.72 2.38 0.00	31.84 2.51 0.00	31.96 2.51 0.00
SYRACUSE___ENERGY_ST1 323597	29.97 -0.05 0.00	28.94 -0.17 0.00	23.38 -0.16 0.00	23.81 -0.21 0.00	23.01 -0.23 0.00	23.76 -0.18 0.00	25.43 -0.19 0.00	19.47 -0.08 0.00	22.46 -0.06 0.00	25.87 -0.03 0.00	27.56 0.05 0.00	30.81 0.14 0.00	28.36 0.14 0.00	32.25 0.20 0.00	33.70 0.29 0.00	33.40 0.27 0.00	29.76 0.26 0.00	29.21 0.29 0.00	32.50 0.41 0.00	30.27 0.36 0.00	29.41 0.30 0.00	29.58 0.24 0.00	29.54 0.22 0.00	29.54 0.09 0.00
SYRACUSE___ENERGY_ST2 323598	29.97 -0.05 0.00	28.94 -0.17 0.00	23.38 -0.16 0.00	23.81 -0.21 0.00	23.01 -0.23 0.00	23.76 -0.18 0.00	25.43 -0.19 0.00	19.47 -0.08 0.00	22.46 -0.06 0.00	25.87 -0.03 0.00	27.56 0.05 0.00	30.81 0.14 0.00	28.36 0.14 0.00	32.25 0.20 0.00	33.70 0.29 0.00	33.40 0.27 0.00	29.76 0.26 0.00	29.21 0.29 0.00	32.50 0.41 0.00	30.27 0.36 0.00	29.41 0.30 0.00	29.58 0.24 0.00	29.54 0.22 0.00	29.54 0.09 0.00
SYRACUSE___POWER 24017	29.97 -0.05 0.00	28.94 -0.17 0.00	23.38 -0.16 0.00	23.81 -0.20 0.00	23.02 -0.22 0.00	23.77 -0.17 0.00	25.45 -0.18 0.00	19.49 -0.06 0.00	22.48 -0.04 0.00	25.90 0.00 0.00	27.58 0.07 0.00	30.82 0.15 0.00	28.38 0.17 0.00	32.27 0.22 0.00	33.73 0.31 0.00	33.44 0.31 0.00	29.80 0.30 0.00	29.25 0.33 0.00	32.55 0.45 0.00	30.31 0.40 0.00	29.44 0.33 0.00	29.62 0.28 0.00	29.58 0.25 0.00	29.57 0.12 0.00
TALLMAN__138KV_BK151 55660	31.40 1.39 0.00	30.44 1.33 0.00	24.58 1.04 0.00	25.02 1.01 0.00	24.15 0.91 0.00	24.90 0.96 0.00	26.65 1.02 0.00	20.62 1.08 0.00	23.77 1.25 0.00	27.32 1.42 0.00	29.20 1.69 0.00	32.61 1.94 0.00	30.00 1.78 0.00	33.95 1.90 0.00	35.35 1.94 0.00	34.93 1.80 0.00	31.06 1.56 0.00	30.37 1.45 0.00	33.30 1.20 0.00	31.05 1.14 0.00	30.32 1.21 0.00	30.68 1.34 0.00	30.73 1.40 0.00	30.49 1.05 0.00
TEALLAVE_115KV_TB7 355573	29.80 -0.22 0.00	28.77 -0.34 0.00	23.26 -0.28 0.00	23.68 -0.33 0.00	22.89 -0.34 0.00	23.65 -0.30 0.00	25.32 -0.31 0.00	19.38 -0.17 0.00	22.35 -0.17 0.00	25.75 -0.15 0.00	27.42 -0.09 0.00	30.64 -0.03 0.00	28.22 0.01 0.00	32.09 0.04 0.00	33.53 0.12 0.00	33.27 0.13 0.00	29.65 0.14 0.00	29.08 0.16 0.00	32.35 0.26 0.00	30.13 0.21 0.00	29.27 0.15 0.00	29.45 0.11 0.00	29.41 0.09 0.00	29.41 -0.04 0.00
TELGRAPH_34_KV_EAST 80808	31.05 1.03 0.00	29.56 0.45 0.00	23.80 0.26 0.00	23.97 -0.04 0.00	23.10 -0.14 0.00	24.08 0.14 0.00	25.89 0.26 0.00	19.71 0.17 0.00	22.85 0.33 0.00	26.52 0.62 0.00	28.26 0.75 0.00	31.72 1.05 0.00	29.28 1.07 0.00	33.44 1.39 0.00	35.26 1.84 0.00	35.30 2.17 0.00	31.53 2.03 0.00	30.83 1.91 0.00	34.61 2.51 0.00	32.10 2.18 0.00	31.01 1.90 0.00	31.02 1.68 0.00	31.25 1.93 0.00	31.46 2.01 0.00
TEMPLE___115KV_TB 2 55572	29.82 -0.19 0.00	28.80 -0.31 0.00	23.28 -0.26 0.00	23.71 -0.31 0.00	22.91 -0.33 0.00	23.66 -0.28 0.00	25.34 -0.29 0.00	19.40 -0.15 0.00	22.37 -0.15 0.00	25.78 -0.12 0.00	27.45 -0.06 0.00	30.67 0.00 0.00	28.25 0.04 0.00	32.13 0.07 0.00	33.57 0.16 0.00	33.30 0.17 0.00	29.68 0.18 0.00	29.11 0.19 0.00	32.38 0.29 0.00	30.16 0.24 0.00	29.30 0.18 0.00	29.47 0.13 0.00	29.44 0.11 0.00	29.44 -0.01 0.00
TIANA____69_KV_BK 1 55817	33.24 3.22 0.00	32.06 2.95 0.00	26.07 2.53 0.00	26.41 2.39 0.00	25.45 2.21 0.00	26.26 2.32 0.00	27.95 2.32 0.00	21.66 2.12 0.00	25.17 2.65 0.00	28.76 2.86 0.00	30.94 3.43 0.00	36.86 3.96 -2.23	48.09 3.73 -16.14	37.41 4.05 -1.31	37.41 4.00 0.00	36.92 3.79 0.00	32.30 2.79 0.00	31.60 2.68 0.00	34.53 2.43 0.00	32.06 2.14 0.00	31.26 2.14 0.00	31.88 2.54 0.00	31.96 2.63 0.00	31.49 2.04 0.00
TILDEN___115KV_TB1 80814	29.97 -0.05 0.00	28.94 -0.17 0.00	23.38 -0.16 0.00	23.81 -0.20 0.00	23.02 -0.22 0.00	23.77 -0.17 0.00	25.45 -0.18 0.00	19.49 -0.06 0.00	22.48 -0.04 0.00	25.90 0.00 0.00	27.58 0.07 0.00	30.82 0.15 0.00	28.38 0.17 0.00	32.27 0.22 0.00	33.73 0.31 0.00	33.44 0.31 0.00	29.80 0.30 0.00	29.25 0.33 0.00	32.55 0.45 0.00	30.31 0.40 0.00	29.44 0.33 0.00	29.62 0.28 0.00	29.58 0.25 0.00	29.57 0.12 0.00
TRIGEN___CC 323695	32.15 2.14 0.00	31.09 1.98 0.00	25.14 1.60 0.00	25.54 1.53 0.00	24.62 1.38 0.00	25.40 1.46 0.00	27.06 1.44 0.00	20.97 1.43 0.00	24.19 1.66 0.00	27.75 1.85 0.00	29.84 2.32 0.00	35.53 2.63 -2.23	46.76 2.41 -16.14	35.93 2.58 -1.31	35.91 2.50 0.00	35.45 2.32 0.00	31.18 1.68 0.00	30.50 1.58 0.00	33.38 1.28 0.00	31.10 1.19 0.00	30.46 1.35 0.00	30.94 1.59 0.00	31.08 1.76 0.00	30.76 1.31 0.00

TRINITY__115KV__4 BK 55933	30.57 0.55 0.00	29.82 0.71 0.00	24.17 0.63 0.00	24.69 0.67 0.00	23.87 0.63 0.00	24.58 0.64 0.00	26.26 0.64 0.00	20.20 0.65 0.00	23.22 0.69 0.00	26.60 0.70 0.00	28.36 0.85 0.00	31.61 0.94 0.00	29.00 0.79 0.00	32.84 0.79 0.00	34.22 0.81 0.00	33.94 0.81 0.00	30.18 0.68 0.00	29.62 0.70 0.00	32.65 0.55 0.00	30.43 0.52 0.00	29.64 0.53 0.00	29.92 0.57 0.00	29.92 0.60 0.00	29.82 0.38 0.00
UNION__PROCESSING_DRP 323587	30.71 0.69 0.00	29.40 0.29 0.00	23.67 0.14 0.00	23.94 -0.07 0.00	23.09 -0.15 0.00	23.99 0.05 0.00	25.75 0.13 0.00	19.67 0.13 0.00	22.74 0.22 0.00	26.37 0.47 0.00	28.10 0.59 0.00	31.50 0.83 0.00	29.07 0.86 0.00	33.16 1.11 0.00	34.86 1.44 0.00	34.87 1.74 0.00	31.14 1.64 0.00	30.52 1.60 0.00	34.14 2.05 0.00	31.70 1.79 0.00	30.69 1.57 0.00	30.75 1.41 0.00	30.84 1.51 0.00	30.91 1.46 0.00
UPPER HUDSON__HYD 24058	31.67 1.65 0.00	30.67 1.56 0.00	24.81 1.27 0.00	25.27 1.26 0.00	24.45 1.21 0.00	25.17 1.23 0.00	26.92 1.30 0.00	20.66 1.11 0.00	23.88 1.36 0.00	27.36 1.46 0.00	29.05 1.54 0.00	32.38 1.71 0.00	29.60 1.38 0.00	33.60 1.55 0.00	35.15 1.74 0.00	34.70 1.57 0.00	30.95 1.45 0.00	30.55 1.63 0.00	34.02 1.92 0.00	31.55 1.64 0.00	30.67 1.55 0.00	31.07 1.73 0.00	30.99 1.66 0.00	30.85 1.40 0.00
UPPER RAQUET__HYD 24056	30.09 0.07 0.00	29.27 0.16 0.00	23.66 0.12 0.00	24.11 0.10 0.00	23.25 0.01 0.00	23.69 -0.24 0.00	25.28 -0.35 0.00	18.96 -0.59 0.00	21.85 -0.67 0.00	25.15 -0.75 0.00	26.60 -0.91 0.00	29.47 -1.20 0.00	27.17 -1.05 0.00	30.92 -1.13 0.00	32.20 -1.22 0.00	31.83 -1.30 0.00	28.44 -1.06 0.00	27.91 -1.01 0.00	31.10 -0.99 0.00	28.98 -0.94 0.00	28.24 -0.87 0.00	28.56 -0.78 0.00	28.83 -0.50 0.00	29.49 0.04 0.00
VALLEY44_115KV_TB2 355964	30.98 0.96 0.00	29.68 0.57 0.00	23.79 0.25 0.00	24.06 0.05 0.00	23.21 -0.03 0.00	24.18 0.24 0.00	26.01 0.38 0.00	19.96 0.41 0.00	23.16 0.64 0.00	26.85 0.95 0.00	28.52 1.00 0.00	31.88 1.21 0.00	29.20 0.99 0.00	33.36 1.31 0.00	35.09 1.68 0.00	35.06 1.93 0.00	31.26 1.76 0.00	30.55 1.63 0.00	34.18 2.08 0.00	31.66 1.75 0.00	30.62 1.51 0.00	30.84 1.50 0.00	31.09 1.77 0.00	31.15 1.70 0.00
VALLEY__115KV_TB 1-4 80826	30.00 -0.02 0.00	29.09 -0.02 0.00	23.54 0.00 0.00	24.05 0.03 0.00	23.25 0.01 0.00	23.95 0.01 0.00	25.61 -0.02 0.00	19.65 0.11 0.00	22.72 0.20 0.00	25.98 0.09 0.00	27.79 0.27 0.00	31.05 0.38 0.00	28.46 0.24 0.00	32.26 0.20 0.00	33.59 0.18 0.00	33.12 -0.01 0.00	29.38 -0.12 0.00	28.93 0.00 0.00	32.06 -0.04 0.00	29.92 0.01 0.00	29.16 0.05 0.00	29.51 0.17 0.00	29.48 0.15 0.00	29.33 -0.12 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.31 1.30 0.00	30.29 1.18 0.00	24.45 0.91 0.00	24.93 0.91 0.00	24.09 0.85 0.00	24.84 0.91 0.00	26.52 0.90 0.00	20.37 0.83 0.00	23.53 1.00 0.00	27.13 1.23 0.00	28.83 1.32 0.00	32.22 1.54 0.00	29.62 1.40 0.00	33.59 1.54 0.00	35.05 1.64 0.00	34.75 1.62 0.00	30.91 1.41 0.00	30.29 1.37 0.00	33.60 1.50 0.00	31.36 1.44 0.00	30.49 1.37 0.00	30.73 1.39 0.00	30.71 1.39 0.00	30.67 1.22 0.00
VISCHER__FERRY HYD 24020	31.14 1.12 0.00	30.35 1.24 0.00	24.59 1.05 0.00	25.12 1.10 0.00	24.28 1.04 0.00	25.01 1.07 0.00	26.73 1.10 0.00	20.52 0.97 0.00	23.63 1.11 0.00	27.05 1.15 0.00	28.84 1.33 0.00	32.11 1.44 0.00	29.42 1.21 0.00	33.30 1.25 0.00	34.72 1.31 0.00	34.43 1.30 0.00	30.63 1.13 0.00	30.09 1.17 0.00	33.20 1.10 0.00	30.94 1.02 0.00	30.11 1.00 0.00	30.43 1.09 0.00	30.44 1.12 0.00	30.34 0.90 0.00
V_A_10_SYNC_DSASP 323832	30.50 0.48 0.00	29.14 0.03 0.00	23.45 -0.09 0.00	23.66 -0.35 0.00	22.81 -0.43 0.00	23.77 -0.17 0.00	25.54 -0.09 0.00	19.49 -0.06 0.00	22.57 0.04 0.00	26.16 0.27 0.00	27.87 0.35 0.00	31.20 0.53 0.00	28.76 0.54 0.00	32.79 0.74 0.00	34.50 1.09 0.00	34.55 1.42 0.00	30.83 1.32 0.00	30.13 1.21 0.00	33.75 1.65 0.00	31.28 1.37 0.00	30.26 1.15 0.00	30.33 0.99 0.00	30.57 1.25 0.00	30.74 1.29 0.00
V_CMM_10_SYNC_DSASP 323787	29.76 -0.25 0.00	28.97 -0.14 0.00	23.43 -0.10 0.00	23.90 -0.11 0.00	23.18 -0.06 0.00	23.84 -0.09 0.00	25.54 -0.09 0.00	19.29 -0.25 0.00	22.23 -0.29 0.00	25.57 -0.33 0.00	27.03 -0.49 0.00	30.03 -0.63 0.00	27.67 -0.55 0.00	31.50 -0.55 0.00	32.82 -0.60 0.00	32.49 -0.65 0.00	28.94 -0.57 0.00	28.37 -0.55 0.00	31.55 -0.55 0.00	29.41 -0.50 0.00	28.62 -0.49 0.00	28.83 -0.51 0.00	28.83 -0.50 0.00	29.24 -0.21 0.00
V_CMP_10_SYNC_DSASP 323788	30.67 0.66 0.00	29.85 0.74 0.00	24.15 0.61 0.00	24.61 0.60 0.00	23.82 0.58 0.00	24.50 0.56 0.00	26.20 0.58 0.00	19.87 0.32 0.00	22.90 0.38 0.00	26.24 0.34 0.00	27.81 0.30 0.00	30.93 0.25 0.00	28.37 0.15 0.00	32.32 0.27 0.00	33.67 0.25 0.00	33.43 0.30 0.00	29.86 0.36 0.00	29.39 0.47 0.00	32.63 0.54 0.00	30.33 0.42 0.00	29.54 0.43 0.00	29.77 0.43 0.00	29.75 0.42 0.00	30.07 0.62 0.00
V_E_10_SYNC_DSASP 323830	32.45 2.43 0.00	31.29 2.18 0.00	25.18 1.65 0.00	25.63 1.62 0.00	24.79 1.56 0.00	25.65 1.72 0.00	27.49 1.87 0.00	21.04 1.49 0.00	24.41 1.89 0.00	28.05 2.15 0.00	29.79 2.27 0.00	33.25 2.58 0.00	30.58 2.36 0.00	34.73 2.68 0.00	36.36 2.94 0.00	35.66 2.53 0.00	31.96 2.45 0.00	31.50 2.58 0.00	35.37 3.28 0.00	33.18 3.27 0.00	32.31 3.20 0.00	32.42 3.08 0.00	32.27 2.94 0.00	32.17 2.72 0.00
V_F_30_NSUNC__DSASP 323816	31.68 1.66 0.00	30.77 1.67 0.00	24.90 1.36 0.00	25.40 1.38 0.00	24.56 1.32 0.00	25.31 1.37 0.00	27.05 1.43 0.00	20.77 1.22 0.00	23.97 1.44 0.00	27.47 1.57 0.00	29.25 1.74 0.00	32.60 1.93 0.00	29.87 1.66 0.00	33.87 1.82 0.00	35.35 1.94 0.00	35.01 1.88 0.00	31.20 1.69 0.00	30.68 1.76 0.00	34.00 1.90 0.00	31.63 1.72 0.00	30.74 1.63 0.00	31.06 1.72 0.00	31.02 1.70 0.00	30.90 1.46 0.00
V_F_30_SYNC_DSASP 323786	30.71 0.69 0.00	29.94 0.83 0.00	24.26 0.72 0.00	24.77 0.76 0.00	23.95 0.71 0.00	24.66 0.72 0.00	26.35 0.73 0.00	20.27 0.72 0.00	23.31 0.79 0.00	26.70 0.81 0.00	28.50 0.99 0.00	31.78 1.11 0.00	29.17 0.96 0.00	33.05 0.99 0.00	34.45 1.04 0.00	34.15 1.02 0.00	30.37 0.87 0.00	29.81 0.89 0.00	32.86 0.76 0.00	30.62 0.71 0.00	29.82 0.70 0.00	30.07 0.73 0.00	30.07 0.74 0.00	29.97 0.52 0.00
V_XM_10_SYNC_DSASP 323789	30.67 0.66 0.00	29.85 0.74 0.00	24.15 0.61 0.00	24.61 0.60 0.00	23.82 0.58 0.00	24.50 0.56 0.00	26.20 0.58 0.00	19.87 0.32 0.00	22.90 0.38 0.00	26.24 0.34 0.00	27.81 0.30 0.00	30.93 0.25 0.00	28.37 0.15 0.00	32.32 0.27 0.00	33.67 0.25 0.00	33.43 0.30 0.00	29.86 0.36 0.00	29.39 0.47 0.00	32.63 0.54 0.00	30.33 0.42 0.00	29.54 0.43 0.00	29.77 0.43 0.00	29.75 0.42 0.00	30.07 0.62 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.51 1.50 0.00	30.53 1.42 0.00	24.66 1.12 0.00	25.11 1.10 0.00	24.24 1.00 0.00	24.99 1.05 0.00	26.74 1.11 0.00	20.69 1.14 0.00	23.86 1.34 0.00	27.41 1.52 0.00	29.31 1.80 0.00	32.74 2.07 0.00	30.12 1.90 0.00	34.08 2.03 0.00	35.49 2.08 0.00	35.05 1.92 0.00	31.17 1.67 0.00	30.48 1.56 0.00	33.43 1.33 0.00	31.17 1.26 0.00	30.44 1.33 0.00	30.79 1.45 0.00	30.83 1.50 0.00	30.59 1.15 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.80 1.78 0.00	30.81 1.70 0.00	24.90 1.36 0.00	25.34 1.33 0.00	24.44 1.20 0.00	25.19 1.25 0.00	26.96 1.33 0.00	20.88 1.34 0.00	24.07 1.55 0.00	27.68 1.78 0.00	29.60 2.09 0.00	33.02 2.34 0.00	30.37 2.16 0.00	34.29 2.23 0.00	35.65 2.24 0.00	35.16 2.03 0.00	31.24 1.73 0.00	30.55 1.63 0.00	33.43 1.33 0.00	31.19 1.28 0.00	30.49 1.38 0.00	30.88 1.54 0.00	30.95 1.62 0.00	30.72 1.27 0.00
W50THST__13_KV_LOAD 356117	32.00 1.99 0.00	31.00 1.88 0.00	25.06 1.52 0.00	25.50 1.48 0.00	24.59 1.36 0.00	25.35 1.42 0.00	27.14 1.52 0.00	21.04 1.49 0.00	24.26 1.74 0.00	27.90 2.01 0.00	29.85 2.34 0.00	33.29 2.62 0.00	30.59 2.37 0.00	34.53 2.48 0.00	35.86 2.44 0.00	35.35 2.22 0.00	31.41 1.91 0.00	30.74 1.82 0.00	33.64 1.54 0.00	31.37 1.45 0.00	30.68 1.56 0.00	31.06 1.71 0.00	31.12 1.80 0.00	30.88 1.43 0.00
WADING RIVER_IC_1 23522	32.62 2.60 0.00	31.46 2.36 0.00	25.66 2.12 0.00	26.00 1.99 0.00	25.06 1.82 0.00	25.86 1.92 0.00	27.52 1.89 0.00	21.32 1.77 0.00	24.74 2.22 0.00	28.21 2.31 0.00	30.34 2.82 0.00	36.16 3.26 -2.23	47.39 3.04 -16.14	36.66 3.30 -1.31	36.55 3.14 0.00	36.07 2.94 0.00	31.51 2.01 0.00	30.85 1.92 0.00	33.70 1.61 0.00	31.35 1.44 0.00	30.59 1.48 0.00	31.16 1.82 0.00	31.30 1.98 0.00	30.87 1.43 0.00
WADING RIVER_IC_2 23547	32.62 2.60 0.00	31.46 2.36 0.00	25.66 2.12 0.00	26.00 1.99 0.00	25.06 1.82 0.00	25.86 1.92 0.00	27.52 1.89 0.00	21.32 1.77 0.00	24.74 2.22 0.00	28.21 2.31 0.00	30.34 2.82 0.00	36.16 3.26 -2.23	47.39 3.04 -16.14	36.66 3.30 -1.31	36.55 3.14 0.00	36.07 2.94 0.00	31.51 2.01 0.00	30.85 1.92 0.00	33.70 1.61 0.00	31.35 1.44 0.00	30.59 1.48 0.00	31.16 1.82 0.00	31.30 1.98 0.00	30.87 1.43 0.00
WADING RIVER_IC_3 23601	32.62 2.60 0.00	31.46 2.36 0.00	25.66 2.12 0.00	26.00 1.99 0.00	25.06 1.82 0.00	25.86 1.92 0.00	27.52 1.89 0.00	21.32 1.77 0.00	24.74 2.22 0.00	28.21 2.31 0.00	30.34 2.82 0.00	36.16 3.26 -2.23	47.39 3.04 -16.14	36.66 3.30 -1.31	36.55 3.14 0.00	36.07 2.94 0.00	31.51 2.01 0.00	30.85 1.92 0.00	33.70 1.61 0.00	31.35 1.44 0.00	30.59 1.48 0.00	31.16 1.82 0.00	31.30 1.98 0.00	30.87 1.43 0.00
WALDENNY_I2_KV_BK2 80841	31.20 1.19 0.00	29.74 0.63 0.00	23.89 0.36 0.00	24.08 0.07 0.00	23.22 -0.02 0.00	24.22 0.28 0.00	26.04 0.41 0.00	19.87 0.32 0.00	23.03 0.51 0.00	26.74 0.84 0.00	28.51 1.00 0.00	32.01 1.34 0.00	29.53 1.31 0.00	33.72 1.66 0.00	35.53 2.12 0.00	35.57 2.44 0.00	31.74 2.24 0.00	31.02 2.09 0.00	34.78 2.69 0.00	32.20 2.29 0.00	31.09 1.98 0.00	31.14 1.80 0.00	31.37 2.04 0.00	31.55 2.10 0.00
WALDEN__HYDRO 24148	31.63 1.62 0.00	30.65 1.54 0.00	24.76 1.22 0.00	25.20 1.19 0.00	24.32 1.08 0.00	25.06 1.12 0.00	26.82 1.19 0.00	20.71 1.17 0.00	23.88 1.36 0.00	27.47 1.58 0.00	29.35 1.84 0.00	32.73 2.06 0.00	30.16 1.95 0.00	34.16 2.11 0.00	35.68 2.27 0.00	35.21 2.08 0.00	31.14 1.63 0.00	30.49 1.57 0.00	33.58 1.48 0.00	31.39 1.47 0.00	30.70 1.59 0.00	31.01 1.66 0.00	31.01 1.69 0.00	30.81 1.36 0.00
WARRENSBURG____ 23737	31.67 1.65 0.00	30.67 1.56 0.00	24.81 1.27 0.00	25.27 1.26 0.00	24.45 1.21 0.00	25.17 1.23 0.00	26.92 1.30 0.00	20.66 1.11 0.00	23.88 1.36 0.00	27.36 1.46 0.00	29.05 1.54 0.00	32.38 1.71 0.00	29.60 1.38 0.00	33.60 1.55 0.00	35.15 1.74 0.00	34.70 1.57 0.00	30.95 1.45 0.00	30.55 1.63 0.00	34.02 1.92 0.00	31.55 1.64 0.00	30.67 1.55 0.00	31.07 1.73 0.00	30.99 1.66 0.00	30.85 1.40 0.00
WATERSIDE____6 8 9 23538	31.77 1.75 0.00	30.79 1.68 0.00	24.91 1.38 0.00	25.35 1.34 0.00	24.45 1.21 0.00	25.19 1.25 0.00	26.95 1.33 0.00	20.89 1.35 0.00	24.07 1.55 0.00	27.68 1.78 0.00	29.59 2.08 0.00	32.98 2.31 0.00	30.38 2.17 0.00	34.21 2.16 0.00	35.59 2.18 0.00	35.12 1.99 0.00	31.25 1.74 0.00	30.55 1.63 0.00	33.36 1.26 0.00	31.19 1.28 0.00	30.51 1.40 0.00	30.90 1.56 0.00	30.96 1.63 0.00	30.74 1.29 0.00
WATKINRD_115KV_LN8_ILLION 55919	30.01 -0.01 0.00	29.10 -0.01 0.00	23.54 0.00 0.00	24.04 0.02 0.00	23.24 0.01 0.00	23.95 0.01 0.00	25.62 0.00 0.00	19.63 0.09 0.00	22.66 0.14 0.00	25.96 0.06 0.00	27.67 0.16 0.00	30.90 0.23 0.00	28.36 0.15 0.00	32.19 0.14 0.00	33.54 0.13 0.00	33.15 0.02 0.00	29.46 -0.05 0.00	28.97 0.05 0.00	32.12 0.02 0.00	29.96 0.04 0.00	29.19 0.07 0.00	29.48 0.14 0.00	29.44 0.12 0.00	29.36 -0.09 0.00
WATSON__69_KV_BK 1 55734	33.19 3.17 0.00	31.99 2.88 0.00	25.90 2.36 0.00	26.26 2.25 0.00	25.31 2.07 0.00	26.12 2.19 0.00	27.80 2.18 0.00	21.58 2.03 0.00	24.97 2.44 0.00	28.59 2.70 0.00	30.83 3.31 0.00	36.65 3.75 -2.23	47.82 3.47 -16.14	37.27 3.91 -1.31	36.96 3.55 0.00	36.54 3.41 0.00	31.98 2.48 0.00	31.22 2.30 0.00	34.12 2.02 0.00	31.79 1.88 0.00	31.15 2.03 0.00	31.69 2.35 0.00	31.89 2.57 0.00	31.49 2.05 0.00
WDELAWARE__HYD 323627	31.03 1.01 0.00	30.00 0.89 0.00	24.22 0.68 0.00	24.65 0.64 0.00	23.80 0.56 0.00	24.52 0.58 0.00	26.24 0.61 0.00	20.25 0.70 0.00	23.37 0.85 0.00	26.92 1.02 0.00	28.64 1.12 0.00	31.98 1.31 0.00	29.42 1.21 0.00	33.24 1.19 0.00	33.93 0.51 0.00	33.51 0.38 0.00	29.85 0.34 0.00	29.34 0.42 0.00	32.33 0.24 0.00	30.28 0.36 0.00	30.18 1.06 0.00	30.39 1.05 0.00	30.36 1.03 0.00	30.16 0.71 0.00
WEST BABYLON__IC 23714	32.97 2.96 0.00	31.79 2.68 0.00	25.72 2.18 0.00	26.08 2.07 0.00	25.15 1.91 0.00	25.95 2.01 0.00	27.63 2.01 0.00	21.44 1.89 0.00	24.79 2.26 0.00	28.39 2.49 0.00	30.61 3.10 0.00	36.37 3.47 -2.23	47.56 3.21 -16.14	36.96 3.60 -1.31	36.67 3.25 0.00	36.22 3.09 0.00	31.73 2.22 0.00	30.99 2.07 0.00	33.87 1.77 0.00	31.57 1.66 0.00	30.95 1.83 0.00	31.52 2.18 0.00	31.71 2.39 0.00	31.33 1.88 0.00
WEST CANADA__HYD 24049	30.05 0.03 0.00	29.14 0.03 0.00	23.56 0.02 0.00	24.03 0.02 0.00	23.24 0.00 0.00	23.95 0.01 0.00	25.63 0.00 0.00	19.59 0.04 0.00	22.57 0.05 0.00	25.95 0.05 0.00	27.60 0.09 0.00	30.79 0.12 0.00	28.33 0.11 0.00	32.15 0.10 0.00	33.51 0.10 0.00	33.21 0.08 0.00	29.56 0.06 0.00	28.98 0.06 0.00	32.16 0.07 0.00	29.97 0.06 0.00	29.17 0.06 0.00	29.40 0.06 0.00	29.38 0.06 0.00	29.45 0.00 0.00

WESTERN_NY_WIND 24143	31.51 1.49 0.00	30.00 0.89 0.00	24.13 0.59 0.00	24.32 0.30 0.00	23.44 0.20 0.00	24.41 0.48 0.00	26.24 0.61 0.00	19.99 0.44 0.00	23.16 0.63 0.00	26.85 0.96 0.00	28.57 1.06 0.00	32.08 1.41 0.00	29.64 1.43 0.00	33.85 1.81 0.00	35.69 2.28 0.00	35.80 2.67 0.00	32.02 2.52 0.00	31.37 2.45 0.00	35.25 3.16 0.00	32.77 2.86 0.00	31.67 2.56 0.00	31.69 2.35 0.00	31.81 2.49 0.00	31.93 2.49 0.00
WESTOVER___LESR 323668	30.54 0.52 0.00	29.47 0.36 0.00	23.74 0.20 0.00	24.18 0.16 0.00	23.37 0.13 0.00	24.16 0.22 0.00	25.88 0.26 0.00	19.86 0.31 0.00	22.94 0.42 0.00	26.44 0.54 0.00	28.12 0.61 0.00	31.42 0.75 0.00	28.85 0.64 0.00	32.83 0.78 0.00	34.35 0.94 0.00	34.04 0.90 0.00	30.30 0.80 0.00	29.71 0.78 0.00	33.09 1.00 0.00	30.83 0.92 0.00	29.95 0.83 0.00	30.17 0.83 0.00	30.18 0.85 0.00	30.16 0.71 0.00
WETHRSFD_WT_PWR 323626	30.98 0.96 0.00	29.63 0.52 0.00	23.80 0.26 0.00	24.04 0.03 0.00	23.20 -0.04 0.00	24.15 0.21 0.00	25.96 0.33 0.00	19.84 0.30 0.00	22.98 0.46 0.00	26.65 0.75 0.00	28.37 0.86 0.00	31.77 1.10 0.00	29.24 1.02 0.00	33.35 1.30 0.00	35.08 1.66 0.00	35.02 1.89 0.00	31.23 1.73 0.00	30.58 1.66 0.00	34.29 2.20 0.00	31.84 1.92 0.00	30.81 1.69 0.00	30.91 1.57 0.00	31.07 1.74 0.00	31.16 1.72 0.00
WHAVSTOR_138KV_BK127 55557	31.34 1.32 0.00	30.38 1.27 0.00	24.55 1.01 0.00	25.00 0.99 0.00	24.13 0.90 0.00	24.87 0.93 0.00	26.62 0.99 0.00	20.60 1.05 0.00	23.74 1.22 0.00	27.27 1.37 0.00	29.15 1.63 0.00	32.53 1.86 0.00	29.92 1.71 0.00	33.86 1.81 0.00	35.25 1.84 0.00	34.81 1.68 0.00	30.97 1.47 0.00	30.27 1.35 0.00	33.19 1.10 0.00	30.95 1.04 0.00	30.24 1.12 0.00	30.59 1.25 0.00	30.64 1.32 0.00	30.42 0.97 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.34 1.32 0.00	30.38 1.27 0.00	24.55 1.01 0.00	25.00 0.99 0.00	24.13 0.90 0.00	24.87 0.93 0.00	26.62 0.99 0.00	20.60 1.05 0.00	23.74 1.22 0.00	27.27 1.37 0.00	29.15 1.63 0.00	32.53 1.86 0.00	29.92 1.71 0.00	33.86 1.81 0.00	35.25 1.84 0.00	34.81 1.68 0.00	30.97 1.47 0.00	30.27 1.35 0.00	33.19 1.10 0.00	30.95 1.04 0.00	30.24 1.12 0.00	30.59 1.25 0.00	30.64 1.32 0.00	30.42 0.97 0.00
WHITEHAL_115KV_TB1 80871	32.91 2.89 0.00	31.73 2.62 0.00	25.64 2.10 0.00	25.97 1.96 0.00	25.14 1.90 0.00	25.86 1.92 0.00	27.66 2.03 0.00	21.16 1.61 0.00	24.45 1.93 0.00	27.90 2.00 0.00	29.87 2.36 0.00	33.20 2.53 0.00	30.30 2.09 0.00	34.49 2.44 0.00	36.07 2.65 0.00	35.76 2.63 0.00	32.05 2.54 0.00	31.78 2.86 0.00	35.29 3.19 0.00	32.58 2.67 0.00	31.70 2.58 0.00	31.91 2.57 0.00	31.87 2.55 0.00	31.78 2.33 0.00
WHITEPLN_13_KV_LOAD 356215	31.83 1.81 0.00	30.84 1.73 0.00	24.92 1.38 0.00	25.36 1.35 0.00	24.47 1.23 0.00	25.23 1.30 0.00	26.99 1.36 0.00	20.88 1.34 0.00	24.10 1.58 0.00	27.68 1.78 0.00	29.74 2.23 0.00	33.21 2.54 0.00	30.56 2.34 0.00	34.56 2.50 0.00	35.99 2.58 0.00	35.36 2.23 0.00	31.38 1.88 0.00	30.68 1.76 0.00	33.63 1.53 0.00	31.36 1.45 0.00	30.63 1.52 0.00	31.00 1.65 0.00	31.04 1.72 0.00	30.82 1.37 0.00
WM_FLOYD_69_KV_BK2 356380	32.83 2.81 0.00	31.67 2.56 0.00	25.74 2.20 0.00	26.09 2.08 0.00	25.14 1.90 0.00	25.95 2.01 0.00	27.61 1.98 0.00	21.40 1.85 0.00	24.82 2.29 0.00	28.35 2.45 0.00	30.52 3.01 0.00	36.29 3.39 -2.23	47.54 3.19 -16.14	36.88 3.52 -1.31	36.79 3.38 0.00	36.28 3.15 0.00	31.73 2.22 0.00	31.02 2.10 0.00	33.90 1.80 0.00	31.51 1.59 0.00	30.77 1.66 0.00	31.34 1.99 0.00	31.50 2.17 0.00	31.09 1.64 0.00
WOODARD___115KV_TB2 355635	29.73 -0.29 0.00	28.72 -0.40 0.00	23.20 -0.33 0.00	23.63 -0.38 0.00	22.84 -0.40 0.00	23.59 -0.35 0.00	25.25 -0.38 0.00	19.33 -0.21 0.00	22.30 -0.23 0.00	25.69 -0.21 0.00	27.36 -0.16 0.00	30.57 -0.10 0.00	28.16 -0.06 0.00	32.01 -0.04 0.00	33.44 0.02 0.00	33.16 0.03 0.00	29.56 0.05 0.00	29.00 0.07 0.00	32.25 0.15 0.00	30.03 0.11 0.00	29.17 0.06 0.00	29.36 0.02 0.00	29.33 0.00 0.00	29.32 -0.12 0.00
YORK___WARBASSE 23770	31.98 1.96 -0.01	31.00 1.88 -0.01	25.06 1.52 0.00	25.49 1.47 0.00	24.58 1.34 0.00	25.32 1.38 0.00	27.10 1.48 0.00	21.00 1.46 0.00	24.20 1.68 0.00	27.82 1.92 0.00	29.73 2.21 0.00	33.16 2.49 0.00	30.58 2.36 -0.01	34.41 2.36 0.00	35.79 2.38 0.00	35.26 2.13 0.00	31.42 1.92 0.00	30.64 1.72 0.00	33.44 1.34 0.00	31.33 1.42 0.00	30.65 1.53 0.00	31.05 1.70 0.00	31.09 1.77 0.00	30.88 1.44 0.00